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Dickinson College Bulletin

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Vol. XIV.

NOVEMBER, 1920

No. 4

THE CATALOGUE

1920-1921



CARLISLE, PA.

PUBLISHED BY THE COLLEGE

FEBRUARY—MAY—JULY
NOVEMBER

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DICKINSON COLLEGE

CATALOGUE OF
Dickinson College

1920-1921

138TH ANNUAL SESSION



CARLISLE, PA.
PUBLISHED BY THE COLLEGE
MCMXX

1921

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NOVEMBER

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COLLEGE CALENDAR—1920-1921

FIRST SEMESTER

September 16, Thursday, 2.30 P.M.....First Semester begins.
December 22—January 3.....Christmas Recess.
January 29, Saturday.....First Semester ends.

SECOND SEMESTER

January 31, 8.30 A.M.....Second Semester begins.
March 18—29.....Spring Recess.
May 16—26.....Final Examinations, Seniors.
May 26—June 2.....Final Examinations, other classes.
June 3—6.....Commencement Events.

1921-1922

September 15, Thursday, 2.30 P.M.....First Semester begins.

DICKINSON'S PART

DICKINSON has played her part variously in all great crises of the Nation's life, and has been no slacker in this great war. In the lurid period preceding the Civil War, Professor McClintock championed the cause of the runaway slave in Carlisle's historic old courthouse, and in 1847 was the central figure in a famous trial, he being the chief prisoner on trial with thirty negroes for riot. The famous Dred Scott decision, so prominent among the provocative factors of the war, was written by the Chief Justice of the United States Supreme Court, Roger B. Taney, of the class of 1795, who had made history thirty years before as Attorney General and Secretary of the Treasury in the administration of Andrew Jackson. At the time of this decision James Buchanan, of the class of 1809, was President of the United States, and he as Secretary of State in the cabinet of James K. Polk had played a leading part in the settlement of the Oregon boundary dispute with Great Britain, and had negotiated the annexation of Texas which resulted in the war with Mexico. The South Carolina ordinance of secession passed by the memorable convention on December 20, 1860, was drafted by the Chancellor of the State, John A. Inglis, of the class of 1829. After the seceding States had withdrawn, the Senate leader of the minority was Willard Saulsbury, of the class of 1842, United States Senator from Delaware, and in the fierce party strife after the war, Thomas Williams, of the class of 1825, was appointed by the Judiciary Committee of the House of Representatives to prosecute the impeachment proceedings against Andrew Johnson.

In the Civil War the College was largely represented in both armies, for as the College drew its patronage almost equally from North and South the opening guns of the struggle called to the contending military camps a majority of the

student body. In the Gettysburg campaign the College campus was occupied by a southern regiment whose colonel carefully guarded the property of the College because it was the alma mater of his friend in North Carolina, Charles F. Deems, the famous preacher and later the pastor of the Church of the Stranger in New York City.

Hundreds of Dickinsonians recently wore the khaki in the World War. They range all the way from Major General Swift ready for retirement to the young fellow who had to persuade the recruiting officer that he met the age requirement. Five hundred and sixty-five Dickinsonians have been in the service at a distance and two hundred and fifty-two in the Students' Army Training Corps at the seat of the College. Of those in distant service, three hundred and six held commissions, and twenty-five were in the service of the Red Cross and Y. M. C. A.—a total of three hundred and thirty-one. The following gave their lives in the service of their country, some in camp and others on the field of battle:

JOHN WILEY DAY, Law, '10, First Lieutenant, Infantry.

RUSSELL COLE FLEGAL, '18, Marine Corps.

JOHN HAROLD FOX, '14, First Lieutenant, Infantry.

JAMES WOLCOTT GOODING, '15, Naval Reserve Force.

SAMUEL J. HARRIS, '19, First Lieutenant, Infantry.

OSCAR MACLAY HYKES, '18, Infantry.

HOBART FABUEN IRELAN, '19, Corporal, Chemical Warfare Service.

CHARLES O'BRIEN, Law, '12, First Lieutenant, Infantry.

EARL EUGENE RAHN, '12, First Lieutenant, Infantry.

JOHN T. RICHARDS, JR., '18, Quartermaster's Corps.

DAVID MOHLER RUPP, '16, First Lieutenant, Infantry.

FRANK OLIVER SHAUCK, '19, Chemical Warfare Service.

KENNETH LEWARS STECK, '19, Corporal, Engineer Corps.

JOHN ZUG STEESE, '04, Captain, Chemical Warfare Service.

WILLIAM PRETTYMAN TAYLOR, JR., '18, First Class Flying Cadet, Air Service.

RICHARD HAMILTON VAUGHAN, Law, '18, Second Lieutenant, Infantry.

These men gloried in the records of previous Dickinsonians who had done their part in other emergencies of our national history, and were no whit behind them in the promptness and

unselfishness with which they responded to the call of their time and laid their all on the altar of their Country's need.

Dickinson has thus trained men to respond to public need in the emergencies of our public life, and has also a remarkable record for the number of her sons in the professions having to do with moral and religious uplift.

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REV. CORNELIUS W. PRETTYMAN, D.D.	Carlisle
COL. JAMES G. STEESE	Washington

TERM EXPIRES 1924

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MELVILLE GAMBRILL	Wilmington, Del.
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The name of Rev. Edgar R. Heckman, D.D., Harrisburg, Pa., was omitted in the list of Trustees expiring in 1924.

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President

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S. LOUISE DE VILAINE, A.M.

Associate Professor of Romance Languages

CHARLES EVANS ELY, Ph.B.

*Representative of the Board of Home Missions of the Methodist
Episcopal Church as Instructor in Religious Education
and Rural Leadership*

RICHARD HENRY MACANDREWS

Instructor in Physical Culture

BERNARD R. MAUSER, Mus.D.

Instructor in Music

LYDIA MARIAN GOODING, A.B.

Librarian

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Dean of the College

BRADFORD OLIVER MCINTIRE

Secretary of the Faculty

SARA MARTHA BLACK, A.M.

Secretary to the President

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Absences

PROFESSOR SELLERS

Athletics

PROFESSORS STEPHENS, PRETTYMAN, AND CRAVER

Government and Discipline

DEANS FILLER, MOHLER, PRETTYMAN, SELLERS AND LANDIS

Graduate Work

PROFESSORS MCINTIRE, PRINCE, AND WING

Library

PROFESSORS MCINTIRE AND PATTERSON AND DEAN MEREDITH

Honor Courses

PROFESSORS STEPHENS, WING, AND NORCROSS

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WILMINGTON

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REV. G. C. WILLIAMS

REV. E. W. JONES

CALEB E. BURCHENAL, ESQ.

WYOMING

REV. A. E. PIPER, D.D.

REV. HOWARD W. THOMPSON

REV. R. FLOYD LESH

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I. HONORIS CAUSA.

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CHARLES WESLEY BURNS, Bishop of the Helena Area of the Methodist Episcopal Church.

ERNEST G. RICHARDSON, Bishop of the Atlanta Area of the Methodist Episcopal Church.

SYLVESTER B. SADLER, President Judge of the Courts of Cumberland County, Pennsylvania.

Litt.D.—DOCTOR OF LITERATURE

WILLIAM J. JAMES, *Middletown, Connecticut.*

DAVID PATON, *Princeton, New Jersey.*

D.D.—DOCTOR OF DIVINITY

REV. FRANCIS R. BAYLEY, *Hagerstown, Maryland*

REV. G. BICKLEY BURNS, *Philadelphia*

REV. JAMES W. COLONA, *Dover, Delaware*

REV. DORSEY N. MILLER, *Harrisburg*

II. IN CURSU.

A.M.—MASTER OF ARTS

BARBOUR, JAMES MURRAY

Dickinson, '18

BELL, FRANK T.

Dickinson, '02

BOLOWICZ, FELIX W.

Dickinson, '17

BRENNEMAN, JOHN ELDER

Dickinson, '13

COMPTON, LEWIS V.

Dickinson, '17

CORSON, FRED P.

Dickinson, '17

DAVIES, ELBERT L.

Dickinson, '17

DAVIS, MICHAEL FARRY

Dickinson, '17

ECKERT, PAUL Y.

Dickinson, '06

EDE, FRANCIS H. S.

Dickinson, '17

FLANNERY, FRANK J.

Cornell University

GOODYEAR, JACOB M.

Dickinson, '17

GRIFFITH, WESLEY P.

Dickinson, '14

GROOME, WALTER GERALD

Dickinson, '20

KLAW, ABEL

University of Pittsburgh

KUNKLE, GEORGE, JR.

Franklin and Marshall College

McCABE, JOSHUA BURTON

Dickinson, '17

SHAFFNER, L. EARL

Dickinson, '18

SHOPE, EDWARD PIERCE LENTZ

Dickinson, '16

A.B.—BACHELOR OF ARTS

AFFLERBAUGH, CALVIN EUGENE

ASPER, JOHN E.

AUKER, CHARLES ARLO

BAGENSTOSE, MARY ANNA

BEAM, HERBERT PLANK

BROBST, AMY LILLIAN

BURKE, GEORGE HARRISON

BRUMBAUGH, EDNA

CHILCOAT, ALVIN SIEBERT

CONKLIN, MILDRED

CORONWAY, A. TODD

CRAIN, HELEN MARSELLE

CRIST, RAY H.

CRUNKLETON, WALTER E.

DICKINSON, LEAH KATHARINE

FISHER, ALLEN B. L.

FITZGERALD, HOWARD

FORCEY, BERNARD

FORTNEY, ROBERT MENEAR

FOX, HOWARD SCHLEY

GARMAN, ROXANA MARGARET

GILBERT, JOHN FRANCESCO

GREENE, ALBERT HARLAND

GROOME, WALTER GERALD

HARNISH, WALTER EDWARD

HENCK, HARRY SMITHSON

HENNEN, JAMES CHALMERS

HOBROUGH, EDITH REID

KARNS, CARL EDMUND

KEEN, JOHN AMBROSE MARLIN

KEHL, WILLIAM S.

LANSBERRY, HAZEL MAE

LAWRENCE, EDGAR PARVIN

LEARN, DALE HAROLD

LEIDIGH, RUTH

LONG, ALMA CHRISTINA

LONG, WILLIAM THOMAS

MCNEAL, HENRY BUDD

MASON, ALPHEUS THOMAS

MILLER, EDGAR RAYMOND

MINDLIN, SADIE

MINKER, RALPH LELAND

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MORRETTE, MARTHA MAE

MOYER, EDNA MAE

NIXON, HELEN BAIN

OBERMILLER, CARL PAUL

PALM, ARTHUR MAURICE

PEARSON, ANNA MARGARET

PRITCHARD, PAUL WALBURTON

PURVIS, HELEN HAMMOND

RIEGEL, KATHARINE BUCHER

ROBINSON, CHARLES ARTHUR

ROORBACH, AGNEW OGLEVIE

SHEAFFER, J. CLINTON

SHEPHERD, HORACE FRANCIS

SHUMAN, FRANK STEWART

STOCKWELL, YALE

SUENDER, HAROLD H.

TAYLOR, L. BRADLEY

THOMPSON, RUSSELL I.

WERTACNIK, JOSEPH J.

ZIMMERMAN, GERALDINE

Sc.B.—BACHELOR OF SCIENCE

Hand, Ralph C.

LL.B.—BACHELOR OF LAWS

AYLESWORTH, CHARLES MINER	ISAACS, CHARLES
BARNHARDT, WALTER L.	JEFFERS, WILLIAM LINDLEY
BRENNEMAN, JOHN ELDER	JONES, WILFRED LEO
CAMPBELL, RAYMOND P.	KLAW, ABEL
COHEN, JACOB M.	KUNKEL, GEORGE, JR.
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DOMBRO, MORTON S.	MACKIE, MATTHEW D.
EDE, FRANCIS H. S.	MOSKOVITZ, MYER
FLANNERY, FRANK J.	QUINN, JAMES JOSEPH
FLANNERY, J. HAROLD	ROCKWELL, DONALD B.
FLIEGELMAN, GEORGE J.	SEITCHIK, WILLIAM BERNARD
GOODYEAR, JACOB M.	SCHARFSIN, JOSEPH
GROOME, WALTER G.	SNYDER, ARTHUR W.
HEDGES, EDISON	UMSTED, RALPH BINGHAM
HENDRICKS, ROBERT G.	VAUGHAN, GEORGE R.

ADMISSION

Students are admitted to the College by certificate and on examination. Before admission they must present testimonials of good moral character, and, if from other colleges, evidences of honorable dismissal. Applications for admission to advanced standing in the College will not be received later than the opening of the Senior year.

Men and women are admitted to the College on equal terms.

BY CERTIFICATE

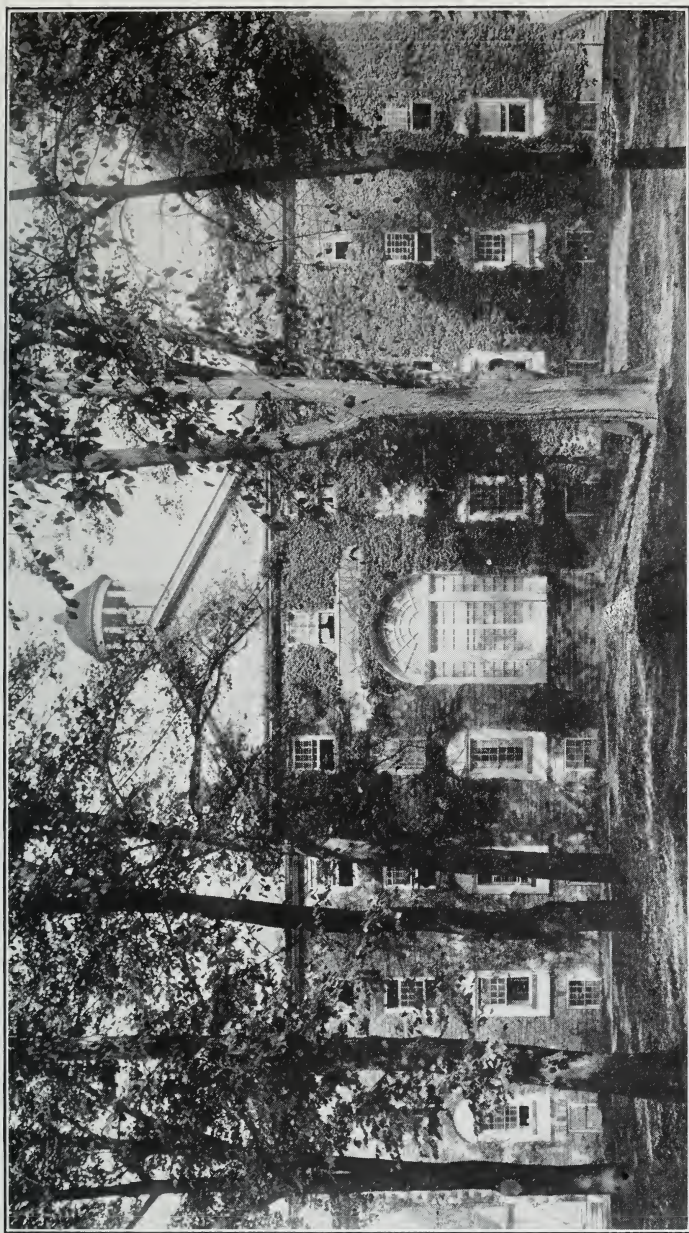
Certificates for work done in approved secondary schools are accepted, and students are admitted to the College on certification that the requirements for admission have been fully met; but certificates covering less than the full requirements may or may not be accepted, according to the amount of the shortage and the conditions under which the work was done. See "Partial Course," page 22.

Diplomas or certificates of graduation will not be accepted, but blank forms of certificates will be furnished on application, and it is required that these certificates be sent to the College by the principal of the school.

Certificates from other colleges will be estimated according to the grade of said colleges; but no student will be admitted from another college with rating beyond that held in the previous college.

GENERAL STATEMENT OF SUBJECTS REQUIRED FOR ADMISSION

Requirements for admission are stated in terms of units, a unit being a course of study pursued for a year at least four periods a week of forty minutes each. At least fourteen and a half such units are required for admission, and *graduates*



“OLD WEST,” 1804

from literary courses of approved high schools or academies can meet the requirements.

Required Units

Algebra, Elementary.....	1½ units
English	3 units
Geometry, Plane	1 unit

Elective Units

Ten units from the following subjects are required. Nine units, however, will satisfy the requirements for admission if five of them are in two subjects and three of the five are in language other than English.

French	2, 3, or 4 units
German	2, 3, or 4 units
Greek	2 or 3 units
History	2 units
Latin	2, 3, or 4 units
Science	1, 2, or 3 units
Solid Geometry	½ unit
Trigonometry	½ unit

REQUIREMENTS FOR ADMISSION BY SUBJECTS

English.—No candidate will be accepted in English whose work is notably defective in spelling, punctuation, idiom, or division into paragraphs.

Reading and Practice.—In the reading and study of English classics, the requirements are those recommended by the National Conference on College Entrance Requirements in English. The work is usually covered by approved high schools of four-year courses of study.

French.—The preparation in French should comprise careful drill in the rudiments of grammar, including the inflection of the regular and the common irregular verbs, the inflection of adjectives, and the use of the participles and pronouns, constant attention being paid to pronunciation. Much time should be given to translation, both oral and written, of easy English into French. From six hundred to eight hundred pages of graduated texts should be read. If much attention has been given to oral work, the amount of reading may be diminished.

German.—Students offering German as an entrance requirement should be thoroughly familiar with the essentials of German Grammar; should be able to translate easy English into German; should be able to translate at sight easy German prose, and should be able to pronounce with a fair degree of accuracy. Candidates offering two units of German for admission to college are expected to have read 200 pages of easy German; those offering three units are expected to have read 400 pages besides reading at sight in class. From students who have been taught according to the Direct Method, a smaller amount of reading will be accepted.

Greek.—Grammar; Xenophon's "Anabasis," four books; Homer's "Iliad," three books. Fair equivalents will be accepted.

Prose composition, based on the Greek texts read from day to day in preparation, is recommended, and ability to write simple Greek sentences is required.

History.—Histories of Greece, Rome, and the United States. The following works will indicate the amount required: Westermann's "Story of the Ancient Nations"; Botsford's "Ancient World"; or Botsford's "Orient and Greece" with Abbott's "Short History of Rome"; any good history of the United States, such as Channing's, McLaughlin's, MacMaster's, or Hart's.

Latin.—I. The Latin reading required of candidates for admission to college, without regard to the prescription of particular authors and works, shall be not less in amount than Cæsar, "Gallie War," I-IV; Cicero, "The Orations against Catiline," "For the Manilian Law," and "For Archias"; Vergil, "Æneid," I-VI.

II. The amount of reading specified above shall be selected by the schools from the following authors and works: Cæsar, "Gallie War," and "Civil War"; Nepos, "Lives"; Cicero, "Orations" and "De Senectute"; Sallust, "Catiline" and "Jugurthine War"; Vergil, "Bucolics," "Georgies," and "Æneid"; and Ovid, "Metamorphoses," "Fasti," and "Tristia."

The Latin requirements as stated above are those recommended by the American Philological Association in 1909.

Mathematics.—Arithmetic, including the Metric System; Algebra through Geometric Progression; Plane Geometry, including the solution of one hundred or more original exercises.

THE CURRICULUM

PLAN OF INSTRUCTION

It is the fixed policy of the College to be a teaching institution, and its first aim is to furnish wise and expert teaching leadership. To attain this end the College has steadily exalted the teacher, and its policy has been to have only mature men and experienced teachers in its corps of instruction, with no immature or inexperienced tutors.

GENERAL STATEMENT

The College offers three parallel courses in the liberal arts and sciences, all four years in length and leading, respectively, to the degrees of Bachelor of Arts, Bachelor of Philosophy, and Bachelor of Science. They are based upon uniform requirements for admission, and upon certain studies prescribed for all matriculants. *Graduates from literary courses of approved high schools meet the requirements for admission.* In addition to this fundamental uniformity, the courses provide for the varied needs and capacities of individuals by permitting a wide range of election on the part of the student.

In the course leading to the degree of Bachelor of Arts, some college Latin or Greek is required; in the course leading to the degree of Bachelor of Science a larger amount of work in science is required. Any of these courses, if successfully completed, will provide a liberal education, and will serve as a basis for professional study or for business life.

Much of the work of the first two years is required, that of the last two is largely elective. Selection of electives may provide much special preparation along the line of intended life work, especially for those preparing to engage in business or to become ministers, lawyers, physicians, teachers, or engineers.

ELECTIVE COURSES AS TRAINING FOR BUSINESS
OR PROFESSIONAL CAREER

Business Course.—The College recognizes the fact that an ever-increasing number of college-bred men are entering upon business careers, and to meet their needs it offers electives in preparation for their business careers, practical courses of cultural value.

Modern languages are a valuable part of such a course in this day of close relations in all the business world, and in addition to the ordinary French and German of the college course, Italian and Spanish have been added. Spanish especially is likely to be of increasing value as this country draws nearer in its business life to the great and rapidly developing countries of South America.

At least one course in Economics is required of all candidates for a degree, and other similar courses are elective in Modern Industrial Development, Industrial Organization and Business Management, Principles of Sociology, Social and Economic Problems, etc.

These electives as part of a cultural course are commended to the prospective business man.

Engineering Course.—Although many engineering schools admit students directly from the high school, some of them feel that it is a mistake both for the schools and for the students. Under this system engineers promise to be the least liberally educated of our professions. Law, medicine, and the ministry require part of the college course as preparation for their own professional studies. Engineers alone are largely without any college preparation, and there is beginning to be a protest against this on the part of the public and the wiser part of our body of youth. An increasing number of young people take the college course and propose after that to take their professional course in engineering, giving to the subject one or two additional years as may be necessary, and having the liberal training as a basis for their professional work. If a young man is planning for a broad

preparation for life and large professional success, he ought certainly to take the liberal arts training and then his professional specialty. The college course may be so arranged as to prepare for a prompt adjustment to engineering work for those choosing to take it after graduation.

Law Course.—In preparation for law, as part of the college course three hours a week of law may be elected in the Junior year and five hours a week in the Senior year. By judicious election and a little extra work good students may thus save one year in their subsequent course in the School of Law, completing the law course in two years after graduation instead of the three which would otherwise be required. An extra charge, however, is made when law is thus elected in place of college work.

Medical Preparatory Course.—All good medical schools to-day require a good deal of preparation beyond that of the high school, ranging from the college degree to two years of college work; and most good medical schools also require that certain particular subjects shall be taken as preparation for their work. Students who propose to study medicine may shape their college course in such a way as to meet fully the requirements of any of the great medical schools. The completion of the college course is strongly recommended for those who expect to study medicine, but for those who plan for less than this arrangements can be made whereby the requirement of some medical schools may be met in a shorter time.

Teachers' Course.—The growing high school demand for college-trained teachers has found expression in the school codes of most of the progressive states, and on the completion of a college course covering certain electives in History and Principles of Education, and Psychology, young men and women are given certificates to teach in these states. The College thus prepares a great many teachers, and they are at once certified by state authorities and authorized to teach in their high schools. No ambitious young man or woman ought to consent to enter upon the teacher's career as a life work

without the college degree. With this degree a grade of work is at once open which would otherwise never be open. The educational requirements of Pennsylvania and neighboring states may be fully met by proper choice of electives in the College.

Partial Course.—In addition to the regular courses of study leading to graduation and an academic degree, a Partial Course is open to students not planning for so long a college residence as would be required to complete the full course. No such student, however, will be admitted unless fully prepared in English, History, and one other subject of college preparation, nor with less than eleven units of college preparatory work.

COURSES OF STUDY—DETAILED STATEMENT

For summary of electives see page 25.

For detailed explanation of courses see pages 27-41.

BACHELOR OF ARTS COURSE

Required

Freshman Year

English and Public Speaking A.....	3 hours
English Literature H.....	2 “
History A.....	3 “
Mathematics A.....	3 “

* *Elective*—Two of the following, one of them to be

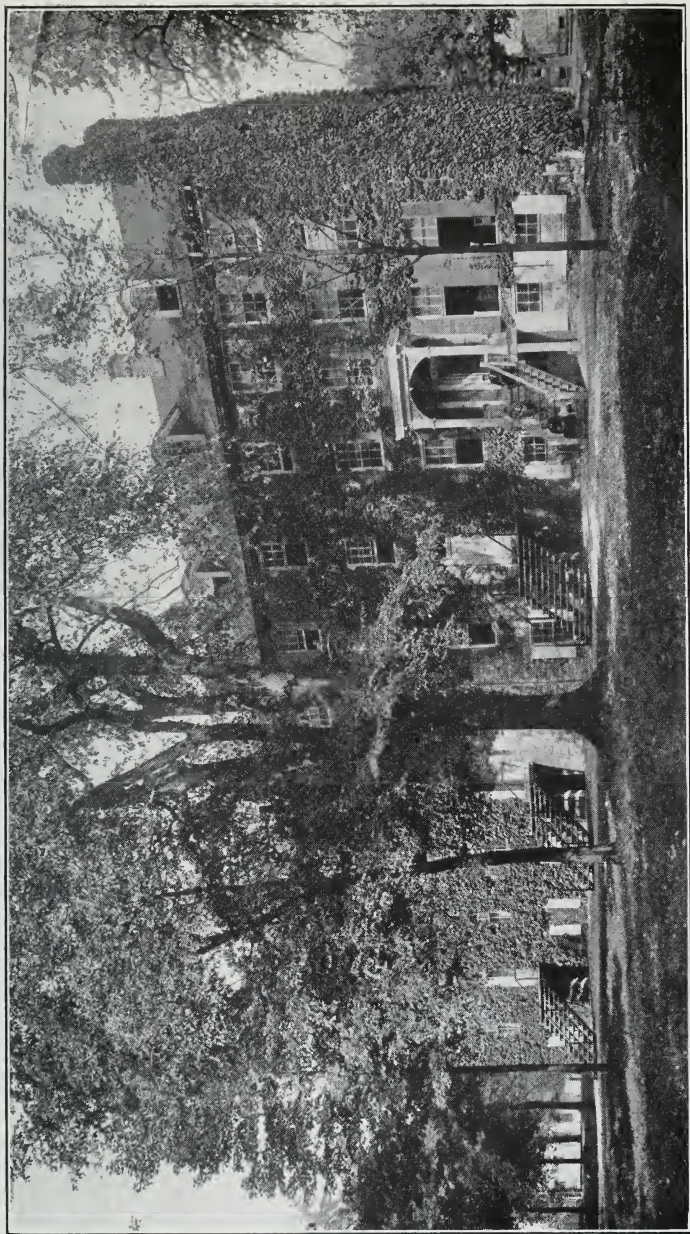
Greek or Latin.....	6 “
French B (Or A to be followed by B) ..	3 hours
German D (Or A to be followed by B) ..	3 “
Greek B (Or A to be followed by G) ...	3 “
Latin A.....	3 “

17 hours

Sophomore Year

Required

English Bible A—(Half Year).....	4 hours
Psychology A—(Half Year).....	4 “
Science—Biology C or Chemistry C or Physics C....	4 “
Social Science A.....	3 “



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† <i>Elective</i> —Two of the following	6 hours
English I	3 hours
French	3 “
German	3 “
Greek	3 “
Latin B	3 “
Mathematics B	3 “
	<hr/>
	17 hours

Junior Year

† <i>Elective</i>	16 hours
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Senior Year

† <i>Elective</i>	16 hours
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*A student must continue in college the languages in which he is fully prepared unless permission to substitute other language work is given.

†Each student must take two of the three courses—Biology C, Chemistry C. Physics C.

BACHELOR OF PHILOSOPHY COURSE*Required***Freshman Year**

English and Public Speaking A.....	3 hours
English Literature H.....	2 “
History A	3 “
Mathematics A.....	3 “

* *Elective*—Two of the following, according to the work offered for admission..... 6 “

French B (Or A to be followed by B)..	3 hours
German D (Or A to be followed by B)..	3 “
Greek B (Or A to be followed by G) ...	3 “
Latin A.....	3 “
	<hr/>

17 hours

*Required***Sophomore Year**

Psychology A (Half Year).....	4 hours
English Bible (Half Year).....	4 “
Science—Biology C or Chemistry C or Physics C.....	4 “
Social Science A.....	3 “

* *Elective*—Two of the following

English I.....	3 hours
French	3 “
German	3 “
Greek	3 “
Latin B	3 “
Mathematics B	3 “
	<hr/>

17 hours

Junior Year† *Elective* 16 hours**Senior Year**† *Elective* 16 hours

*Each student must take three years' work in some one language—at least one year of it in College.

†Each student must take two of the three courses—Biology C, Chemistry C, Physics C.

BACHELOR OF SCIENCE COURSE*Required***Freshman Year**

English and Public Speaking A..... 3 hours

English Literature H..... 2 “

Chemistry C..... 4 “

Mathematics A..... 3 “

* *Elective*—Two of the following, according to the work offered for admission..... 6 “

French B (Or A to be followed by B).. 3 hours

German D (Or A to be followed by B).. 3 “

Greek B (Or A to be followed by G)... 3 “

Latin A..... 3 “

18 hours*Required***Sophomore Year**

Psychology A (Half Year)..... 4 hours

English Bible (Half Year)..... 4 “

Science—Biology C, or Chemistry F, or Physics C... 4 “

Social Science A..... 3 “

* *Elective*—Two of the following..... 6 or 7 hours

English I..... 3 hours

French 3 “

German 3 “

Greek 3 “

Latin B..... 3 “

Mathematics B..... 3 “

Science—A second course from the group

—Biology C, Chemistry F, Physics C, 4 “

17 or 18 hours**Junior Year*** *Elective* 16 hours**Senior Year*** *Elective* 16 hours

*1. Each student must take three years' work in some one language—at least one year of it in College.

2. Each student must complete five courses in science from the following group—Biology C, Biology G, Chemistry C, Chemistry F, Chemistry 1, Physics C, Physics F.

SUMMARY OF ELECTIVE COURSES

In addition to work required and in accordance with the preceding outline each student elects his own course from the following.

(For detailed statement of each course see pages 24-38)

American Literature	3	hours
Art, History of	2	"
Astronomy	2	"
Bible	8	"
Biology	11	"
Botany	5	"
Chemistry	18	"
Debating	1½	"
Economics	6	"
Education	7	"
English Language	3	"
English Literature	9	"
Ethics	3	"
French	15	"
Genetics	1	"
Geology	2	"
German	12	"
Greek, Classical	12	"
Greek Testament	4	"
History	9½	"
Italian	3	"
Latin	12	"
Law	8	"
Mathematics	11	"
Music, History of	2	"
Philosophy	3	"
Physics	15	"
Physiology and Hygiene	1½	"
Political Science	2	"
Psychology	6	"
Social Science (Economics, Sociology, Political Science) ...	14	"
Spanish	6	"
Zoölogy	3	"

RULES GOVERNING CHOICE OF ELECTIVES

1. Choice of electives for the Sophomore, Junior, and Senior years shall be made in May and must have the approval of Class Deans.

Change in electives may be made with the consent of Class Deans before the opening of any semester, but later changes may be made only with faculty approval.

2. Elective studies in excess of the prescribed number of hours may be taken if, in the judgment of the faculty, such additional work will not interfere with the regular work. No member, however, of the Junior or Senior class may take more than seventeen hours of work if the general average for the preceding year was less than seventy-five per cent.

3. A course in which a student has failed and which he is to repeat shall take precedence over all other work.

GRADE REQUIRED FOR GRADUATION

No student will be graduated who has not attained a grade above D on at least half his hours of work, unless the entire course averages C or above, or two-thirds of the Junior and Senior work averages C or above. In the above D indicates 60 to 70%; C, 70 to 80%. Higher grades are B, 80 to 90%, and A, above 90%.

COURSES OFFERED

Detailed Statement by Departments

AMERICAN LITERATURE

(See *English*)

ART, HISTORY OF

Professor Landis

Art A.—The development of architecture, and of painting is studied, the greater part of the course being devoted to the history of painting from the time of Giotto to the present. An effort is made to familiarize each student with reproductions of important works of art. *Two hours for the year, in alternate years; to be given 1921-22.*

ASTRONOMY

(See *Mathematics*)

BIBLE

Associate Professor Carver

Bible A.—*History of the Old Testament.* A course designed to acquaint the student (1) with the physical and political geography of the Land of Palestine, and (2) with the national and religious development of the Hebrew people with chief emphasis upon the great spiritual contribution, both to New Testament times and to our own day, of the Old Testament. Required of all Sophomores. *Two hours for the year.*

Bible B.—*The Literature of the Old Testament.* A study (1) of the historical background, (2) of the literary structure, and (3) of the religious teachings of the books of the Old Testament, aiming at a working knowledge, for purposes of religious leadership, of this whole field of Biblical Literature. Elective for Sophomores. *Two hours for the year.*

Bible C.—*The Religious Teaching of the Old and New Testaments.* A detailed research study of the leading religious ideas of the Bible from the point of view (1) of their inspiration or origin in spiritual experience, (2) of their development in Hebrew and Christian history, and (3) of their influence upon the future and goal of the human race. Elective for Juniors and Seniors. *Two hours for the year.*

BIOLOGY

Professor Stephens

Biology A.—Botany. Lecture Course. Lectures and recitations in Plant Morphology. *Three hours, first semester.*

Lectures and recitations in Plant Physiology. *Three hours, second semester.*

Biology B.—Botany. Laboratory Course. One 2-hour period a week throughout the year in Plant Morphology and Plant Physiology, including also a limited amount of field work in Plant Ecology.

Biology C.—Botany. Courses A and B combined. *Four hours for the year.*

Biology D.—Botany. Class-room and field work in systematic Botany, aiming to acquaint the student with the local flora. *Two hours, second semester.*

Biology E.—Zoölogy. Lecture Course. Lectures and recitations in Animal Morphology and Physiology. *One hour for the year.*

Biology F.—Zoölogy. Laboratory Course. *Two 2-hour periods a week in Animal Morphology throughout the year.*

Biology G.—Zoölogy. Courses E and F combined. *Three hours for the year.*

Biology H.—Zoölogy. Genetics. Lectures and recitations. Prerequisite: Biology G or Biology C. *Two hours, first semester.*

Biology I.—Histology. *Four hours counting as two, first semester.*

Biology J.—Embryology. *Four hours counting as two, second semester.*

Courses I and J are designed for students preparing for teaching or medicine. Prerequisite: Biology G or Biology C.

Biology K.—Physiology and Hygiene. *Two hours, second semester.*

Biology D and H, 1920-1921; I and J, 1921-1922.

BOTANY

(See Biology)

CHEMISTRY

Associate Professor Vuilleumier

Chemistry A.—Lecture Course. An elective course in General Inorganic chemistry. The aim of this course is to cover the fundamental theoretical principles of the science in connection with the descriptive chemistry of the non-metallic elements. The material presented in the text is supplemented by lecture experiments and explanations. Students are given practice in stoichiometrical and other types of chemical problems. *Three hours for the year.*

Chemistry B.—Laboratory Course. The laboratory work of the first year consists of the performance by each student of a series of experi-

ments illustrating the important general principles and facts of the science, the properties of the more important non-metallic elements, and the laws of chemical action. The details of manipulation of these experiments are given, but with a view to cultivating the powers of observation. The student is required to observe carefully and describe clearly the results of each experiment. *Two hours (counting as one) for the year.*

Chemistry C.—Courses A and B combined.

Chemistry D.—*Lecture Course.* An elective course devoted to the principles of theoretical and physical chemistry, such as the kinetic-molecular hypothesis, theory of solution, atomic hypothesis, chemical equilibrium, theory of dissociation in solution, electrolysis, and the laws of mass action. This is followed by a study of the metallic elements based upon the periodic system. Prerequisite: course A. *Four hours, first semester.*

Chemistry E.—*Laboratory Course.* Qualitative Analysis, to accompany Course D. The usual course of preliminary work and analysis of simple and complex substances is pursued. The ionic theory and laws of mass action are applied to this work. *Eight hours (counting as four), second semester.*

Chemistry F.—Courses D and E combined.

Chemistry G.—*Lecture Course.* Organic Chemistry. An elective course devoted to the principal classes of organic compounds, aliphatic and aromatic, with emphasis upon class reaction and the structural theory. Prerequisite: courses A and B, and preferably D and E. *Two hours for the year.*

Chemistry H.—*Laboratory Course.* A course in Organic Preparations to accompany lecture course G. Laboratory work in the preparation and purification of compounds selected from the aliphatic and aromatic series for the illustration of important synthetic reactions; verification of the constants of these compounds; methods of organic analysis. *Four hours (counting as two) for the year.*

Chemistry I.—Courses G and H combined.

Chemistry J, K, and L.—*Laboratory Courses.* Courses in Quantitative Analysis in its several branches. The work comprises a series of experiments which illustrate the fundamental principles of gravimetric and volumetric methods. The courses are flexible, and great latitude will be allowed students manifesting interest and ability. Prerequisite: courses C and F.

Chemistry J.—Four hours to count as two.

Chemistry K.—Eight hours to count as four.

Chemistry L.—Twelve hours to count as six.

DEBATING

Debating A.—The course in debating is planned to give those interested an opportunity to study the technique of oral argumentation and to practice the art of debate under supervision. The work will supplement the debating in the College Literary Societies. This course may be elected in two successive years for credit. In this case additional work will be required of advanced students. *Three hours, first semester.*

ECONOMICS

(*See Social Science*)

EDUCATION

Professor Norcross and Associate Professor Carver

Education F.—*History of Education.* Textbook, Monroe. *Two hours for the year.*

Education G.—*Principles of Secondary Education.* The first semester is devoted to the elementary school, and the second semester to secondary school. *Two hours for the year.*

Education H.—*Public School Administration.* *Three hours for one semester.*

Education I.—*Vocational Education.* *Three hours for one semester.*

Education J.—*Educational Measurements.* *Three hours for one semester.*

Ethics D.—Textbook, "Problems of Conduct," Drake. *Three hours for the year alternating with Philosophy E.* Open to Juniors and Seniors.

Logic.—*Three hours for one semester.*

Philosophy E.—Textbook, Roger's "Student's History of Philosophy." *Three hours for the year, alternating with Ethics D.* Open to Juniors and Seniors.

Psychology B.—A careful study of the nervous system begins the course. The fundamental processes of mental life are studied in the light of the findings of Experimental Psychology, human and animal. *Three hours for the year.*

Psychology H.—Brief introduction to Psychology, required of all Sophomores. *Four hours for one semester.*

Psychology I.—*Child Psychology.* An introduction to the study of the essentials of child life and the pedagogical significance thereof. *Three hours for one semester.*

Psychology J.—*Educational Psychology.* *Three hours for a year.* Open to those who have had the equivalent of Psychology H.

Psychology K.—*Religious Psychology.* *Three hours for one semester.*

Psychology L.—*Applied Psychology.* *Three hours for one semester.*

ENGLISH

Professors McIntire and Sellers and Dean Meredith

In addition to the courses outlined below composition in the form of essays and orations is required at stated intervals throughout the last three years of the course of all students.

English A.—*Rhetoric and Composition*, based upon "English Composition in Theory and Practice," by Canby and others. Required of all Freshmen. Professor Sellers and Mrs. Meredith. *Three hours for the year.*

English B.—Smith's "What Can Literature Do for Me?" and Houston and Bonnell's "Types of Great Literature" constitute the basis for studies in the appreciation of books. Supplementary reading both in and outside the classroom. Required of all Sophomores. Professor McIntire. *Two hours for the year. 1920-1921 only.*

English C.—*The Development of the English Language.*

I. *Old English*: Smith's "Old English Grammar and Reader."

II. *Middle English*: Grammar. Chaucer, "The Prologue" and "The Knight's Tale."

III. *Modern English*: Its Growth and Present Use.

Elective for Juniors and Seniors. Professor Sellers. *Three hours for the year.*

English D.—*Literary Criticism*. Winchester's "Principles of Literary Criticism" is used as a textbook and Manly's "English Prose and Poetry," as supplementary reading and application. Elective for Juniors who have taken English B. Professor McIntire. *Two hours for the year.*

English E.—*American Literature*. First semester: Studies in Poetry. Second semester: Development of the Short Story. Elective for Juniors and Seniors. Professor Sellers. *Three hours for the year.*

English F.—*English Drama*, consisting of lectures, reading, and reports. The readings are largely in the works of Shakespeare and his contemporaries. Elective with the permission of the instructor to a limited number of Seniors who have taken English D. Professor McIntire. *Two hours for the year.*

English G.—*Victorian Poets*. Studies and readings in the poetry of Tennyson, Browning, and Arnold. Cambridge Edition. Elective for Seniors who have taken English D. Professor McIntire. *Two hours for the year. Not offered in 1920-21.*

English H.—A course in modern English literature as an expression of the growth of national life and culture of the English people. Especial attention given to the causes of changing taste in the period covered. Illustrative readings in and outside the class-room constitute an impor-

tant element of the work. Required of all Freshmen. *Two hours per week.*

English I.—Smith's "What Can Literature Do for Me?" and Houston and Bonnell's "Types of Great Literature" constitute the basis for studies in the appreciation of books. Supplementary reading both in and outside the class-room. Elective for Sophomores. Professor McIntire. *Three hours for the year.*

ETHICS

(*See Education and Philosophy*)

FRENCH

(*See Romance Languages*)

GEOLOGY

Professor Stephens

Geology A.—An introduction to the science of Geology, both for students who are planning further scientific pursuits, and also for the larger class who wish merely to obtain an outline of the methods and principal results of the subject. Open to Seniors. *Two hours for the year.*

GERMAN LANGUAGE AND LITERATURE

Professor Prettyman

German A.—*Beginners' Course.* German Grammar. German Prose. Practice in writing German. The work in this course is conducted in German according to the Direct Method. *Three hours for the year.*

German B.—A continuation of course A, and open only to students who have completed that course. The method is the same, the work being conducted in German. *Three hours for the year.*

German C.—A continuation of B, and open only to students who have completed that course. *Three hours for the year.*

German D.—*German Prose and Poetry.* Grammar and practice in writing German. Required of Freshmen who offer two years of German for admission to college. *Three hours for the year.*

German E.—*History of German Literature.* German Prose Composition. This course is a continuation of Course D and is intended for those who have completed that course. *Three hours for the year.*

German F.—*History of German Literature.* Lectures. Reading of representative works. Advanced Prose Composition. This course is open to students who have completed D and E and may be elected a second year, as the works read are not the same in successive years. *Three hours for the year.*

GREEK LANGUAGE AND LITERATURE

Professor Wing

The courses in Greek are of three kinds: First, introductory courses, A and G; second, courses in Classical Greek, B, C, D; third, courses in Greek Language and Civilization, K and H.

The work in Greek A and G is about equivalent to the work of three years' Greek in a good high school, but differs from the latter in the authors read and in the point of view. Although forming a good introduction to the more advanced courses in Greek, these two introductory courses are also planned to give a fair insight into the nature of the Greek language as it is used in modern languages and scientific studies, and to familiarize the student with the more characteristic phases of ancient Greek life and thought.

Courses B, C, D are of a more advanced character. The work done varies somewhat from year to year, but in the main is planned to cover rather systematically the chief authors of classical Greek literature, beginning with Attic prose writers and extending the study to take in those authors whom the interests of the students most need.

Greek A.—*Beginners' Greek.* Emphasis will be laid on the acquisition of a vocabulary and of a knowledge of the fundamental principles of Greek grammar. The class will also read selections from Greek prose and try to get an idea of Greek private life. *Three hours for the year.*

Greek G.—*Continuation of Greek A.* Grammar, Composition. Reading of prose works and of Homer. This course is planned to connect the work in Beginning Greek with that of courses B, E, and F, for which it is a prerequisite. *Three hours for the year.*

Greek B.—*Attic Literature.* Xenophon, Plato, Lysias, Lyric Poets. The character and importance of Socrates will be the theme of the first semester's work; Greek oratory and Lyric poetry will be studied in the second semester. *Three hours for the year.*

Greek C.—*Demosthenes*, first semester; *Sophocles*, second semester. The struggle of Demosthenes against Philip of Macedon will be dealt with in the light of the development of Greek imperialism; some attention will be paid to Greek prose composition. The second semester will be devoted to Greek tragedy. Either semester may be taken separately. *Three hours for the year.*

Greek D.—*Advanced Greek Literature.* In 1920-21 the work of the course will be, during the first semester, Pindar and Hesiod; and during the second semester, Hellenistic Civilization, with readings in both English and Greek from authors of the period from Alexander to Marcus Aurelius. Either semester may be taken separately. *Three hours for the year.*

Greek E.—*New Testament Greek: Gospels and Revelation.* Two hours for the year.

Greek F.—*New Testament Greek: Acts and Epistles.* Similar to Course E, alternating with it. Taken up only in odd-numbered years. Two hours for the year.

Greek H.—*Greek Civilization.* This course is intended to give an introduction to the Greek ideals and character through the study of their life and of the products of their civilization. It is planned especially to meet the needs of those who have no knowledge of the Greek language, but may be taken by students who have not taken a course in Greek more advanced than Greek B. Open to Juniors and Seniors. Three hours, second semester.

Greek K.—*Greek in English.* A semester course on the influence the Greek language has had on the English. This may be taken by students who have had no knowledge of Greek, but wish to obtain an insight into the etymology of English words. Students who have had Greek may elect this, but will be required to do some further work of an advanced character. Three hours, first semester.

HISTORY

Professors Prince and Wing

History A.—*General European History.* An introductory course on the history of Europe. First semester, Ancient History to 800 A.D.; second semester, Mediæval and Modern History, 800 A.D. to the present time. Less attention is given to the political and military history than to the economic, social, artistic, and intellectual phases of civilized life. The course aims to give some acquaintance with proper methods of historical study as well as with the facts of history. Required of Freshmen. Professor Wing. Three hours for the year.

History C.—*Civilization in Europe.* A philosophic study of the history of Western Europe from the Fall of the Roman Empire to the close of the French Revolution. Open to Juniors and Seniors. Professor Prince. Two hours for the year.

History E.—*Europe from the Congress of Vienna.* The theme of this course is the struggle between monarchy and democracy as the central fact in the political history of Europe in the Nineteenth Century. Open to Juniors and Seniors. Professor Prince. Four hours, second semester.

History G.—*Nations of the South and East.* Study of the development of the principal Latin-American countries and Japan, especially in its bearings on the United States. Open to Juniors and Seniors. Professor Prince. Three hours, first semester.

History H.—*American History.* From 1829 to the outbreak of the World War. Open to Juniors and Seniors. Professor Prince. Three hours, second semester.

History I.—*History of England.* From the Hundred Years' War to the close of the Napoleonic struggle. Open to Juniors and Seniors. Professor Prince. *Four hours, first semester.*

ITALIAN

(*See Romance Languages*)

LATIN LANGUAGE AND LITERATURE

Professor Filler

Latin A.—*Freshman.* Selections from Sallust, Livy, Cicero.

Latin Grammar is carefully reviewed and emphasis laid upon the mastery of the art of translation. Much time is given to translation in the class-room, and to the writing of Latin Prose.

The course is largely devoted to drill-work, and aims to prepare the student for the intelligent and sympathetic reading of Latin literature in subsequent courses. Open to Freshmen. *Three hours for the year.*

Latin B.—*Sophomore.* An outline study of the History of Latin Literature with illustrative readings.

In the first semester Classical Mythology is rapidly reviewed, with particular reference to its use in literature and art.

In the second semester the Manners and Customs of the Romans are considered. Open to Sophomores. *Three hours for the year.*

For those who have completed A and B one or two of the following courses will be given each year, according to the needs and desires of those electing advanced work.

In courses C and D attention is given to the needs of those planning to teach.

Latin C.—Vergil, Works, Life, and Literary Influence, with readings from the Eclogues and Æneid, VII-XII. *Three hours, first semester.*

Horace, Satires and Epistles. *Three hours, second semester.*

Latin D.—Cicero, Letters and Orations, with particular reference to his political career and the public life of the times. *Three hours, first semester.*

Lyric Poetry, particularly the poems of Catullus. *Three hours, second semester.*

Latin E.—Tacitus and the other prose writers of the Silver Age. History and description of the Roman Government. *Three hours for the year.*

Latin F.—Selections from the Elegiac Writers of the Augustan Age and the chief poets of the Silver Age. More extended study of the History of Latin Literature. *Three hours for the year.*

LAW

Dean Trickett

Law A.—*Criminal Law*, first two terms; *Bailments*, the third term. Open to Juniors. *Three hours per week.*

Law B.—*Real Property*. *Three hours for the year.*

Law C.—*Contracts*. *Two hours for the year.*

Law D.—Courses B and C combined. Open to Seniors. *Five hours for the year.*

Law E.—*Torts*, first two terms; *Domestic Relations*, the third term. *Three hours per week.*

MATHEMATICS

Professor Landis and Professor Carver

Mathematics A.—*Algebra*, including Theory of Equations, Determinants, the Binomial Theorem, Choice, Logarithms, Interest and Annuities, etc. (Wentworth). *Trigonometry* (Crockett). *Three hours for the year.*

Mathematics B.—*Analytic Geometry*. The conics and a discussion of the general equation of the second degree (Wentworth). *Calculus*. Differentiation, integration, maxima and minima curve tracing, areas, lengths, volumes, centers of mass, etc. (Osborne.) *Three hours for the year.*

Mathematics C.—*Calculus*. Partial derivatives, curve tracing, evolutes, envelopes. Taylor's Theorem, special methods of integration, etc. (Hurlburt). *Three hours, first semester.*

Mathematics D.—*Differential Equations* (Murray). *Three hours, second semester.*

Mathematics E.—*Analytic Geometry of Three Dimensions*. The quadric surfaces and their more important properties, the general equation of the second degree, surfaces in general, and curves in space (C. Smith). *Three hours, first semester.*

Mathematics F.—*Projective Geometry* (Cremona). *Three hours, second semester.*

Mathematics G.—*Mathematics of Life Insurance*. Computation of annuities, net premiums, loading, etc. (Moir.) *Three hours, one semester.*

Mathematics H.—*Spherical Astronomy*. Problems in latitude, longitude, time, etc. (Chauvenet and the American Ephemeris.) *Three hours, one semester.*

Mathematics I.—*History and Teaching of Mathematics*. A reading course in the works of Cantor, Ball, Cajori, Zeuthen, Klein, Smith, Young, Schultze, etc. *Three hours, one semester.*

Courses in the Theory of Numbers, Theory of Functions, Calculus of Probabilities, and other subjects have been given and will be given whenever it seems desirable. Courses A and B are given each year. Of the remaining courses two are given each year, so that every student may complete at least four of them, and the student who presents course A for entrance may pursue six of them.

Mathematics K.—Astronomy. An Introduction to Astronomy (Moulton). *Two hours for the year.*

MUSIC

Doctor Mausert

Music, History of.—A study of ancient and modern musical history, including instruments of all kinds, important writers, and the progress of music writing from the earliest days. *One hour for the year.*

PHILOSOPHY

(*See Education and Philosophy*)

PHYSICAL TRAINING

Professor Carver and Mr. MacAndrews

Physical Training.—The work in Physical Training is planned as a two year course. Two periods of work weekly are required of all male students of the college during the first two years of residence.

So far as is possible, the work is adapted to the individual. Physical defects are noted and corrective exercises suggested.

In general the courses are organized along these lines:

- I. Outdoor work—walking, running, jumping, etc.,—non-competitive.
- II. Outdoor work—football, baseball, track, tennis,—competitive.
- III. Indoor work—calisthenics, non-competitive.
- IV. Indoor work—basketball, track, athletics, gymnasium team,—competitive.

PHYSICS

Professor Mohler

Physics A.—*Mechanics, Sound, Heat, Light and Electricity.* Demonstration lectures or recitations. Text—Kimball's "College Physics." *Three hours for the year.*

Physics B.—A laboratory course to accompany Physics A. Exact measurements in Mechanics, Sound, Light and Heat. *Two hours (counting as one) for the year.*

Physics C.—Courses A and B combined.

Physics D.—*Electricity and Photography.* Demonstration lectures or recitations. *Three hours for the year.*

Physics E.—A laboratory course on Light, Electricity, and Photography. *Two hours (counting as one) for the year.*

Physics F.—Courses D and E combined.

Physics G.—An advanced course in electrical measurement. Text—Franklin, Crawford and McNutt. *Two hours (counting as one) for the year.*

Physics H.—Text—Houston's "Treatise on Light." *Two hours (counting as one) for the year.*

Physics J.—*Light.* Text—Houston's "Treatise on Light." *Two recitation periods for the year.*

PSYCHOLOGY

(*See Education and Philosophy*)

PUBLIC SPEAKING

Public Speaking A.—The purpose of this course is to give to the student a knowledge of the principles of good reading and speaking. Particular attention is paid to thoughtful and intelligible oral expression, though the technique of articulation, inflection, etc., are not neglected. Required of all Freshmen. *One hour for the year.*

RELIGIOUS EDUCATION AND RURAL LEADERSHIP

Rev. Charles E. Ely

Religious Education A.—A study of the relation of culture and religion. The connection between intellectual efficiency and spiritual experience. The child's developing spiritual personality, primal instincts and distinct life periods, vital principles and plans in moral and religious training, and program for religious education in rural communities.

History of Religions B.—A comparative study of the great religions of the world. World conditions preceding Christianity, with the survey of the history of the Christian church to our own time.

Rural Church Methods C.—Study of various phases of life of town, village, and country. Community organization based on the discovered facts, with plans for an efficient rural civilization. Practical problems to be met before any constructive leadership is possible. The church and her place in this leadership.

Rural Clinic D.—Analysis of rural conditions and activities, map-making, church census, economic conditions, budget, evangelism, program building, church equipment.

ROMANCE LANGUAGES AND LITERATURES

Associate Professors Bullock and de Vilaine

FRENCH

French A.—Beginners' Course. Thorough drill in the elements of French Grammar. Special attention to training in pronunciation, dictation, conversation, and composition. Elementary readings: Méras' *Le Premier Livre*, Lavissee's *Histoire de France*. Conducted partly in French. *Three hours for the year.*

French B.—Intermediate French. Grammar. Conversation and composition based on texts read. Texts chosen from modern French literature. Conducted mainly in French. *Three hours for the year.*

French C.—Advanced French. Study of French literature. Reading and discussion of representative works in class. Summaries of outside reading. Study of historical and philosophical background of literary productions. This course is varied from year to year to include different periods of French literature. *Three hours for the year.*

French D.—Advanced Composition and Conversation. Lectures on French life, manners, and ideas. Conducted entirely in French. Part of the course is devoted to methods of teaching and practice in teaching French. French A, B, and C prerequisite for this course, but Courses C and D may be taken at the same time, and must be taken by those expecting recommendations to teach French. *Three hours for the year.*

SPANISH

Spanish A.—Beginners' Course. Thorough drill in the elements of Spanish Grammar. Special attention to training in pronunciation, conversation, and composition. During the second semester several easy Spanish works are read. Conducted partly in Spanish. *Three hours for the year.*

Spanish B.—Grammar review, composition, conversation, commercial correspondence. Reading of modern Spanish text. Survey of Spanish literature, methods of teaching. *Three hours for the year.*

ITALIAN

Italian A.—Beginners' Course. In addition to grammatical studies a number of modern plays and stories are read and also some of the classics. A constant effort is made to accustom the student to the spoken language.

SOCIAL SCIENCE

Professor Patterson

The department affords a broad view of the field of knowledge, enabling the student to find a proper setting and perspective for his other studies, and at the same time find his own relation to the life of the world.

Phenomena of social life, economic, political, educational and religious, are observed in the evolution of institutions and in the rise and fall of nations, present conditions being kept constantly in view and American conditions being specifically analyzed so that the student may be qualified for intelligent, responsible citizenship in addition to receiving great cultural benefit from the investigations.

In the Sophomore year the evolution of social institutions, with emphasis upon the economic and political, is traced in such a way as to qualify the student for advanced study in social problems, principles and policies, and aid him in discerning the significance of social movements and social service agencies,—a survey of fields of social work affording suggestions in vocational guidance.

In the Junior and Senior years opportunity is afforded for the pursuit of more intensive courses in three important fields of social science. These courses acquaint the student in B with an analysis and evaluation of the forces involved in the wealth getting and wealth using activities in society (Economics); in C with the balancing, coördinating and directing of the various social forces to secure social progress (Sociology); in D with the control and direction of these forces through means devised by politically organized units of society to social ends (Politics).

Social Science A.—*Elements of Social Science.* An understanding of the nature of society is afforded in a study of the *origin and development* of (1) social institutions, such as speech, writing, the arts and sciences, marriage and the family, religions, etc.; (2) the maintaining institutions (*Economic*), viz. the tools and processes of production, economic stages, and the correlated development of economic concepts; (3) the protecting, controlling institutions (*Political*), political activities and coördinated organization.

In the light of their historical development, essential to an understanding of great social movements and to an intelligent direction of social evolution, some simpler social problems are considered, and certain fields of social work are presented as opportunities for furthering social progress. Required of all Sophomores. *Three hours for the year.*

Social Science B.—*Principles and Problems of Economics.* During the first semester the theory of value, developed in relation to consump-

tion and production, is applied to the problem of distribution in studying rent, interest, wages and profits.

During the second semester, money, credit and banking and the fundamental principles of exchange are studied with reference to the requirements of a good system, the relation of the government to the system, and the involved relation to public finance. *Two or three hours for the year, according to work done.*

Social Science C.—Sociology. An examination of the basis of groupings, coöperations and conflicts among men, and of the grounds, means and system of social control issuing in social order. Applications of social principles and policies are considered in relation to problems growing out of modern industrial organization and changes in the family, population, etc. *Three hours for the year.*

Social Science D.—Politics. A study of the State and government as the means by which society makes its will effective. By a comparative study of principles, organization, and problems in leading governments, emphasis being placed upon our own government (in which tendencies in Federal, State, and Local government are noted) the student is acquainted with tendencies to a new and larger democracy as well as with the actual working of present day democracy. *Two hours for the year.*

***Social Science E.—Social Economy.** The economic waste involved in some phases of the treatment of the defective, dependent and delinquent elements in society is investigated, and saner, more humane methods are considered. First semester, Defectives and Dependents; second semester, Delinquents. *Two hours.*

***Social Science F.—Sociology Applied to Practical Politics.** A study of devices for securing social welfare through clearly defined methods of political control, including a survey of social ideals embodied in our organic and statutory law, particularly as seen in recent labor and penological legislation. *Two hours for the year.*

***Social Science G.—Urban and Rural Community Life.** A study of social conditions—the family, the birth rate, the home, education, political units, resources, leadership, etc.—in city and country, in the light of principles noted in the several fields of social science. *Two hours for the year.*

*Courses E, F, and G, dealing with the more complex social problems, involving the principles of the different fields of social science, are given according to the qualifications and desires of advanced students.

SPANISH

(*See Romance Languages*)

ZOOLOGY

(*See Biology*)

MATERIAL EQUIPMENT

The campus of eight acres was purchased of the Penns, and comprises a full square in the Borough of Carlisle. Upon and around it are grouped the principal of the following buildings:

West College, "Old West" (1804), Dormitories and Memorial Hall, memorial to Dickinsonians in the World War.

East College (1836), dormitories.

Metzger College (1881), the dormitory for women.

Tome Scientific Building (1884), Museum and departments of Chemistry and Physics.

Gymnasium (1884), large main room, running track, base ball cage, and bathing and dressing rooms.

Bosler Hall (1885), Chapel, Library and Reading Room.

Denny Hall (1896—Burned 1904—Rebuilt 1905), Biological Laboratories, recitation rooms, Literary Society Halls, and administrative offices.

Athletic Field, of over six acres, memorial to Herman Bosler Biddle, the gift of his parents, Hon. and Mrs. Edward W. Biddle.

Nine fraternity houses are occupied by fraternity members.

LIBRARY AND READING ROOM

The Library, available to all students under established regulations, consists of three distinct collections, nearly equal in size—that of the College proper, which is exceedingly rich in old volumes and in reference books, and those of the Belles Lettres and Union Philosophical Societies, accumulated by them during the century and a quarter of their existence. These three libraries are administered as one.

Through the generosity of the late Hon. Alexander Patton, of Curwensville, who gave \$10,000 for the purpose of starting

a Library Fund, together with the cordial coöperation of the Dickinson Library Guild, the College is able to make large additions, annually, to the Library.

The Reading Room in the Library is furnished with the best of reading room appliances. Its files are supplied with representatives of the best secular and religious papers, and many of the best magazines and reviews are upon its tables.

PUBLIC WORSHIP

Students are required to attend daily chapel services, also the regular Sunday morning preaching services of the churches they elect.

GOVERNMENT AND DISCIPLINE

The government and discipline of the College are vested exclusively in the faculty of the College, although the regulation of certain functions which have particular reference to the life of the student body is left by the faculty largely to the determination of the students themselves. Students must meet the requirements of *good morals and good citizenship*.

Report of each student's attention to college duties is made at the close of each semester, to students, if of legal years, otherwise to parents or guardians. Special reports are sent out more frequently, if deemed necessary by the faculty.

Student Honor System. The students of the College undertake to see that there are honest examinations without faculty supervision and have organized their own court for the purpose of enforcing their regulations in coöperation with the faculty.

ATHLETIC OPPORTUNITIES

The College has a commodious gymnasium, for use in the inclement weather especially; when weather conditions permit outdoor sports are encouraged. It has also two men employed to care for the physical welfare of its student body, both of them experts in their particular work.

The Herman Bosler Biddle Athletic Field of the College is excelled by few anywhere. In fact, it is almost perfect for its purpose, and within easy reach of the College, a constant incentive for young people to engage both in the major competitive sports and in the less strenuous exercises open to all.

COLLEGE BILLS

(For all men and for young women day students.)

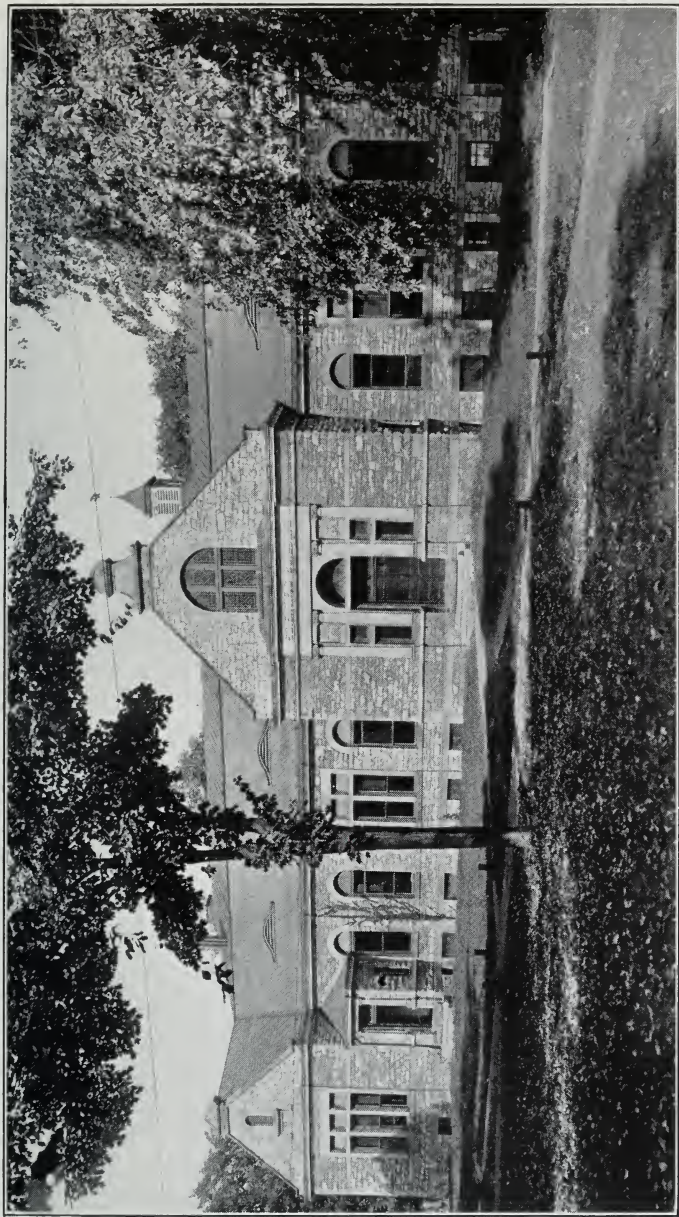
General Charge	\$160.00
Room rent (unfurnished room)	\$25.00 to 50.00
Laboratory—Botanical, Chemical, Physical or Zoölogical for the year, each	12.50
Athletic and Dickinsonian charge	10.00
Electric light for dormitory (one lamp)	3.50

Day students are not charged room rent.

Board.—Preparatory schools, of course, as a rule furnish board for their student body, but colleges do not usually do this for their male students. The above statement of expenses does not, therefore, cover the item of board for men, which will cost from \$5.75 to \$6.00 per week for the thirty-two to thirty-four weeks of the college year.

Furnishing.—The college dormitory rooms for men are unfurnished. It has been found more satisfactory for two men who are to room together to furnish their own room and be responsible for their own property than to use furniture belonging to the institution, about whose use there would doubtless be many misunderstandings. Students who desire to economize in this matter can usually purchase second-hand furniture at a moderate cost, and sell it to their successors, so that the net cost for furniture is really a trifle when spread over four years.

Incidentals.—There are few necessary incidental expenses connected with college life at Dickinson. Some men spend a good deal of money—more really than they ought to spend. The majority, however, are careful of their expenditure so that



TOME SCIENTIFIC BUILDING, 1884

economy in no sense marks a man here as singular or peculiar. Some of the men most careful of their expenditure are most highly honored in the College by their choice as leaders in various college activities.

Students presenting scholarships will be credited on general charges for their face value.

(For young women in Metzger College.)

Residents of Metzger College, the women's dormitory, are charged \$485 (subject to change), payable in two installments within ten days of the opening of each semester. This provides for everything, save personal laundry, books, one pair of blankets, sheets, pillow cases, towels, personal toilet articles, and laboratory charges as above. *The entire college bill is \$485.00, for most first year students*, to which are added laboratory charges in later years. Young women from a distance are expected to room in Metzger College. *No young woman will be registered for a room in Metzger College without becoming responsible for the charges for the semester for which she registers.*

PAYMENT OF BILLS, ETC.

New students must pay an entrance fee of ten dollars before admission to classes. This will be credited on the college bill.

All college bills are presented at the opening of each semester and must be paid within ten days.

Two students from the same family are allowed a discount of ten per cent. on all college bills.

For a period of continuous absence in excess of four weeks, a reduction of one-half the pro rata charge may be allowed for such excess, provided the absence occurs through no fault of the student and is unavoidable. The rooms in the college are secured to the students during term time only. The occupants of rooms are held accountable for damage to them. When students injuring property are unknown, the cost of

repairs is assessed, toward the close of the college year, upon the whole body of students, as a special damage account. Any student proved to be guilty of wilful destruction of, or damage to, college property, may be required to pay not only the cost of replacement, or repair, but also a fine as determined by the faculty (not to exceed ten times the cost of repair), said fine to be placed to the credit side of the special damage account.

Failure to adjust college bills may result in exclusion from recitations, or from college, and no student can have honorable dismissal or certificate of advancement until his bills have been duly adjusted.

GOWNS, HOODS, AND CAPS

The College has adopted the regulations for academic caps and gowns suggested by the Intercollegiate Commission of 1895.

1. Undergraduates may wear on all fitting occasions a black-stuff gown of the Oxford shape, but with no hood.

2. Bachelors of Dickinson College may wear on all fitting occasions a black-stuff gown of the Oxford shape, with hood lined with red silk, crossed by a chevron of white, six inches in breadth.

3. Masters of Dickinson College may wear on all fitting occasions a black silk gown of the Oxford shape, with hood as for Bachelors.

4. Doctors of Dickinson College may wear on all fitting occasions a black silk gown of the Oxford shape, with hood as for Bachelors, trimmed around the exterior edge with a cord or with a band, not more than four inches wide, of silk, satin, or velvet, distinctive of the department to which the degree pertains, as follows: Doctor of Literature, white; Doctor of Divinity, scarlet; Doctor of Laws, purple; Doctor of Philosophy, blue; Doctor of Science, gold-yellow.

With the gown will be worn the Oxford cap, of serge for undergraduates and of broadcloth for graduates, with black

tassels, except the cap of the doctor's degree, which may be of velvet with tassels in whole or part of gold thread.

5. Members of the Board of Trustees shall be entitled, during their term of office, to wear the gown and cap of the doctor's degree, with the hood appropriate to the degree that they severally have received. Members of the Board of Trustees, or of the faculty, who have received degrees from other universities or colleges, shall be entitled to wear the costume appropriate to the same degree from Dickinson College, so long as they shall retain their official connection with the college. The President of the College may adopt such distinctive costume or badge as he shall choose, not inconsistent with the foregoing regulations.

COLLEGE ORGANIZATIONS

LITERARY SOCIETIES

The Belles Lettres and the Union Philosophical Societies, purely literary in their character, nearly coeval with the College, have been maintained in continuous operation throughout most of its history; and Harman Society, the organization of the young ladies, was founded in 1896. Not the least of the advantages of college residence is the special training secured in these societies. The halls in which they meet, ample in size and thoroughly equipped, are hardly surpassed anywhere. For nearly twenty years the work and worth of these societies have been recognized in the following regulations:

1. No student shall enter any public literary or oratorical contest in connection with the College who shall not have been a member of one of the literary societies for at least three-fourths of the time of his or her connection with the College.

2. No student shall have any public part in the exercises of Commencement Day who shall not have been a member of one of the literary societies for at least one-half of the time of his or her connection with the College.

3. No student shall be graduated from the College who shall not have made satisfactory adjustment of financial obligations to the literary society of which he or she has been a member.

BELLES LETTRES SOCIETY

HOMER L. KREIDER, '21.....	<i>President</i>
GEORGE BROPHY.....	<i>Recording Secretary</i>
B. HARRY BARNES.....	<i>Corresponding Secretary</i>
JOHN W. GRANDE.....	<i>Treasurer</i>

UNION PHILOSOPHICAL SOCIETY.

DEWITT D. WISE, '22.....	<i>President</i>
FRANK G. SMITH, '23.....	<i>Vice-President</i>
HAROLD W. KELLER, '23.....	<i>Recording Secretary</i>
ELMER J. GRAY, '23.....	<i>Corresponding Secretary</i>
ROWLAND R. LEHMAN, '23.....	<i>Treasurer</i>

HARMAN SOCIETY

MILDRED E. MASONHEIMER, '21.....	<i>President</i>
F. LOUISE FINCH, '21.....	<i>Vice-President</i>
IRMA M. RIEGEL, '21.....	<i>Secretary</i>
M. ELIZABETH NOLTE, '23.....	<i>Treasurer</i>

CHRISTIAN ASSOCIATIONS

These Associations in the College are well organized, and do a most useful work. A large number of the students are actively connected with them and are zealous to forward their work.

YOUNG MEN'S CHRISTIAN ASSOCIATION

D. WILSON THOMPSON, '21.....	<i>President</i>
LAWRENCE G. WARREN, '22	<i>Vice-President</i>
ALBERT L. BANER, '23.....	<i>Recording Secretary</i>
EDWARD G. LATCH, '21.....	<i>Treasurer</i>

YOUNG WOMEN'S CHRISTIAN ASSOCIATION

HELEN WEHRLE, '22.....	<i>President</i>
KATHERINE N. PATTERSON, '22.....	<i>Vice-President</i>
ELIZABETH M. DEMARIS, '23.....	<i>Secretary</i>
ELIZABETH J. BUCKE, '23.....	<i>Treasurer</i>

PHI BETA KAPPA SOCIETY

In September, 1886, the Alpha Chapter of the Phi Beta Kappa Society, the first in the State of Pennsylvania, was organized. Only students finally passed for graduation are eligible to membership, and of these only those of high class standing or giving promise of unusual achievement. Graduates of former years, not below the first fourth of their classes, and men of eminence in professional life, are also eligible to membership.

EDGAR R. HECKMAN.....	<i>President</i>
MERVIN G. FILLER.....	<i>Vice-President</i>
JOHN F. MOHLER.....	<i>Secretary</i>
WILLIAM W. LANDIS.....	<i>Treasurer</i>

THE DICKINSON LIBRARY GUILD

The Dickinson Library Guild, composed of alumni and friends of Dickinson College, is organized for the purpose of creating a permanent endowment for the College Library, and membership in the Guild consists of those who make an annual contribution to the endowment fund of the library. The membership is of five classes, or groups, as follows:

Class A, all who contribute ten or more dollars per year.

Class B, all who contribute from five to ten dollars per year.

Class C, all who contribute three dollars per year.

Class D, all who contribute two dollars per year.

Class E, all who contribute one dollar per year.

In accordance with the action of the Board of Trustees of the College, all moneys contributed shall become a part of the permanent endowment fund of the library, the proceeds of which shall be devoted to the sole purpose of purchasing books by the Faculty Committee on Library. The current expenses of the organization shall be otherwise provided for.

Directors

BRADFORD O. MCINTIRE.....*President*

MERVIN G. FILLER, '93.....*Secretary-Treasurer*

JOHN M. RHEY, Esq., '83; ROBERT H. CONLYN, '72.

STUDENT ASSEMBLY AND SENATE

For some years the students in their organized capacity have exercised limited government over some of their own internal interests. This student government has applied especially to relations of one class with another, but has also influenced the life of the entire student-body.

The student organization is called the Student Assembly, and the elected governing body is called the Senate.

Senate: WILLIAM M. YOUNG, '21, President; PAUL R. WALKER, '21, Vice-President; D. WILSON THOMPSON, '21, Secretary; REUBEN L. SHARP, '22, Treasurer; JOHN G. CORNWELL, '21; J. FENTON DAUGHERTY, '21; JOHN G. DAVIS, '21; HORACE B. HAND, '21; KURTZ KAUFF-

MAN, '21; JOHN A. KINNEMAN, '21; THOMAS W. SMITH, '21; ALBERT BERKEY, '22; WILLIAM L. BOWER, '22; CLIFFORD C. HARTMAN, '22; JOHN M. KLEPSE, '22; CARLTON SPOTTS, '22; JOHN PIPPA, '22; CLARENCE W. MERKEL, '22; WILBUR H. MILLER, '22; DEWITT WISE, '22; W. GERRY MILLER, '21; WALTER C. LIPPETT, '21; PHILLIPS B. SCOTT, '21; HOWARD H. MCCLURE, President of the Sophomore Class; LON H. BAUGHMAN, President of the Freshman Class.

COLLEGE ATHLETIC ASSOCIATION

PAUL E. BEAVER, Law.....	<i>President</i>
T. WELDON SMITH, '21.....	<i>Vice-President</i>
GUY ROLLAND, '23.....	<i>Secretary</i>
HORACE B. HAND, '21.....	<i>Treasurer</i>
EDWARD G. BRAME, '21.....	<i>Football Manager</i>
R. L. GOELTZ, Law.....	<i>Baseball Manager</i>
HAROLD J. CARTER, '23.....	<i>Basketball Manager</i>
W. GALLAGHER, Law.....	<i>Track Manager</i>

Advisory Committee: PROF. HENRY M. STEPHENS, Chairman, Carlisle; PROF. CORNELIUS W. PRETTYMAN, Carlisle; PROF. WALTER H. HITCHLER, Carlisle; E. M. BIDDLE, JR., ESQ., Carlisle; FRANK SELLERS, ESQ., Carlisle; RAPHAEL S. HAYS, ESQ., Carlisle; EDWARD M. BIDDLE, ESQ., Philadelphia; WILLIAM D. BOYER, ESQ., Scranton.

PRIZES, SCHOLARSHIPS AND BENEFICIARY FUNDS

PRIZES

Rhodes Scholarships.—Students of the College are eligible to the scholarships established by the will of the late Cecil Rhodes granting the privilege of three years' residence in study at the University of Oxford, England. Three graduates of Dickinson College have already won this distinction. Announcement is regularly made to the students of the time and conditions of the examinations.

Belles Lettres Society Prize.—As an incentive to improvement in composition and declamation at an early stage in the college course, the literary societies have each instituted a yearly contest therein for their respective members from the Sophomore class. All the members of this class in the Belles Lettres Society have the option of competing, and a gold medal is awarded to the contestant exhibiting the highest degree of excellence in the arts to which the competition relates, decided by judges chosen by the society. Awarded, 1920, to Colbert N. Kurokawa, Hawaii.

The Cannon Prize of twenty-five dollars, the gift of Henry P. Cannon, '70, Bridgeville, Del., is awarded to that member of the Sophomore class who shall pass the most satisfactory examination in the Mathematics of the Sophomore year, together with the original Geometry of the Freshman year.

Awarded in 1920 to Helen W. Weisensale, Hanover.

The Chi Omega Fraternity Prize of twenty-five dollars, the gift of the Dickinson chapter, is awarded to the young woman student who excels in Sophomore Economics.

In 1920, awarded to Charlotte C. Sheaffer, Carlisle.

The Clemens Prize of twenty-five dollars, the gift of the Rev. Joseph Clemens, '94, Chaplain, United States Army, is

awarded annually to the student of the Junior class, proposing the work of the ministry, who writes the best essay, or sermon, upon some subject bearing upon the work of foreign missions, the essay or sermon not to exceed fifteen hundred words, and to be presented to the President of the College not later than May 1 of each year. A copy of the winning essay or sermon, in typewritten form, shall be forwarded to the donor of the prize.

Awarded, 1920, to Trago W. Lloyd, Martinsburg, W. Va.

The Charles Mortimer Giffin Prize in English Bible.—This prize, established in memory of the Rev. Charles Mortimer Giffin, D.D., is based upon a fund contributed by his wife, and permanently invested, the income of which shall be used as an award to that member of the Senior Class in English Bible who shall write an essay, on a biblical subject, adjudged to be the best for comprehensiveness of survey, independence of judgment, and excellence of style. A typewritten copy of the prize-winning essay shall be furnished to the donor.

Awarded, 1920, to Dale H. Learn, Cresco.

The McDaniel Prizes.—Delaplaine McDaniel, Esq., late of Philadelphia, provided for the founding of certain scholarships, to be awarded on the ground of excellence in scholarship. The sum of FIVE THOUSAND DOLLARS was given the College in trust, with provision that three prizes, equal in amount, be constituted from the annual income, and offered yearly to be competed for by the members of the Freshman and Sophomore classes, and with provision, further, that two of these prizes be awarded, one each, to the two members of the former class, and the remaining prize to the member of the latter class who, in such way as the authorities of the college prescribe, attain the highest average of excellence in the work of these classes respectively.

Freshman class—First prize, 1920, to Evelyn Wardle, Scranton. Second prize, 1920, to Mary C. Garland, Harrisburg.

Sophomore class—Awarded, 1920, to Herbert W. Glasco, Osceola Mills.

The Miller Prize of twenty-five dollars, the gift of Charles O. Miller, Esq., of Stamford, Conn., is awarded to that member of the Freshman class who shall excel in forensic declamation.

Awarded, 1920, to Albert L. Baner, Salem, N. J.

The John Patton Memorial Prizes, four in number, of twenty-five dollars each, one for each of the college classes, offered by the late Hon. A. E. Patton, of Curwensville, as a memorial to his father, Gen. John Patton, for many years a faithful friend and trustee of the College, are awarded according to conditions established for the Patton Scholarship Prizes maintained for many years by his honored father.

Senior class—Awarded, 1920, to Martha M. Morrette, Mechanicsburg.

Junior class—Awarded, 1920, to Herbert L. Davis, Cedarville, N. J.

Sophomore class—Awarded, 1920, to Harry D. Kruse, Vine-land, N. J.

Freshman class—Awarded, 1920, to Guy Rolland, Orwigsburg.

The Pierson Prizes for oratory, established by Daniel Pierson, Esq., of Newark, N. J., gold and silver medals, are offered each year to be competed for by members of the Junior class in a public oratorical contest, which contest has for years been placed among the exercises of Commencement week.

Gold Medal—1920, Homer L. Kreider, Harrisburg. Silver Medal—Herbert L. Davis, Cedarville, N. J.

The Rees Prize of twenty-five dollars, the gift of the Rev. Milton S. Rees, D.D., Rochester, N. Y., is awarded to that student who shall excel in English Bible.

Awarded, 1920, to M. Margaret Eslinger, Berwick.

The James Fowler Rusling Scholarship Prize of fifty dollars, the gift of Gen. James Fowler Rusling, LL.D., '54, Trenton, N. J., is awarded to that member of the Senior class who, at

the end of a four years' course, shall be found to excel in scholarship and character, as determined by the faculty.

Awarded, 1920, to Mildred Conklin, Bayonne, N. J.

The Smith Prize of thirty dollars, the gift of Robert Hays Smith, '98, of San Francisco, Cal., is awarded to that one of the literary societies of the College whose members shall excel in debate.

Awarded, 1920, to Belles Lettres Literary Society.

Union Philosophical Society Prize.—As an incentive to improvement in composition and declamation at an early stage in the college course, the literary societies have each instituted a yearly contest therein for their respective members from the Sophomore class. All the members of this class in the Union Philosophical Society may compete.

Awarded, 1920, to Niles M. Poff, Wenonah, N. J., and Charles E. Bates, Hazleton.

The Wagg Prize, a gold medal, the gift of A. H. Wagg, '09, of New York, will be awarded to that member of the class in American History who shall present the best competitive essay on an assigned subject pertaining to the life and public services of some distinguished American closely related to Dickinson College as founder, trustee, executive, professor, or alumnus.

Awarded, 1920, to George L. Brophy, Heckscherville.

The Walkley Prize of fifteen dollars, the gift of W. R. Walkley, D.C.L., in memory of his only son, Winfield Davidson Walkley, who died March 11, 1903, is awarded as a second prize to that member of the Freshman class who shall excel in declamation, either forensic or dramatic.

Awarded, 1920, to James O. Wrightson, Frederick, Md.

BENEFICIARY FUNDS AND SCHOLARSHIPS

A number of funds and scholarships have been established in various ways by friends of education in general and of the

College in particular, and are awarded largely by the donors or by the President to such students as may be in need of financial help. It is doubtful whether the same amount of money expended in any other way would accomplish a greater service in the cause of education than these small sums used to supplement the insufficient means at the command of worthy young people seeking an education. It is hoped that their number may be largely increased by men and women concerned to do good with their means.

The Alumni Loan Fund of fifty dollars, contributed by an alumnus, to be loaned from year to year to students in need of temporary help, to be repaid within a year and again loaned.

Baldwin Memorial Church Scholarship, fifty dollars, proceeds of a contribution of \$1000 made by the Baldwin Memorial Methodist Episcopal Church of Millersville, Md., in 1866, is awarded to such worthy student as may need financial help and as may be named by the said Baldwin Memorial Episcopal Church. In case no such candidate is thus named, the President of the College may name the beneficiary of the scholarship for any given year.

The M. Grace Bechtel Memorial.—The interest on a ONE THOUSAND DOLLAR ENDOWMENT to be paid annually to that student of Dickinson College who is preparing for entrance into the Christian ministry of the Central Pennsylvania Conference of the Methodist Episcopal Church; or, if there be none such, to that student who is preparing for missionary work under the Board of Foreign Missions of the Methodist Episcopal Church.

The Bodine Scholarship of fifty dollars, established by George I. Bodine, Jr., Esq., of Philadelphia.

The Arthur Milby Burton Scholarship of fifty dollars, established by Miss Mary R. Burton, for the education of worthy young men for the ministry, preference being given to applicants residing within the limits of the Philadelphia Conference.

The Chandler Scholarship of twenty-five dollars, the gift of D. Harry Chandler, of Vineland, N. J.

The Nathan Dodson Cortright Memorial Scholarship of fifty dollars, established by Mrs. Emma L. Keen, of Philadelphia, as a memorial to her father, Nathan Dodson Cortright, is awarded annually to young men preparing for the ministry.

The Smith Ely Scholarship, endowed by the Hon. Smith Ely, of New York City, in the sum of eleven hundred dollars, students from New York City and vicinity having prior claim.

The Freeman Scholarship of fifty dollars, established by Frank A. Freeman, Esq., of Philadelphia.

The John Gillespie Memorial Scholarship, interest on one thousand dollars, the gift of Miss Kate S. Gillespie, daughter of John Gillespie, Esq., late of Philadelphia, as a memorial to her father.

The Horn Scholarship.—The income from \$1000, contributed by J. Edward Horn, of Philipsburg, Pa., to be awarded to some worthy student of the College preparing for useful service.

The Lockyer Scholarship of fifty dollars, established by Mark B. Lockyer, Esq., of Philadelphia.

The Stephen Martindale Morgan Scholarship, of twenty-five dollars, established by Mrs. Minnie Speer Morgan as a memorial to her late husband, for the education of worthy young men preparing for the ministry, preference being given to applicants residing within the limits of the Wilmington Conference.

The Theodore F. Miller Scholarship of fifty dollars, the gift of Theodore F. Miller, Esq., of Philadelphia.

The Valeria Schall Scholarship of twenty-five dollars is used in assisting such young men as, in the estimation of the President and faculty of the college, are of good character, scholarly habits, and deserving of assistance, and who are approved candidates for the Christian ministry.

The Charles T. Schoen Scholarships, ten in number, of fifty dollars each, established by Charles T. Schoen, Esq., of Philadelphia, are awarded annually to such young men and women as may be designated by the donor or by the President.

The Arnold Bishop and Mary Agnes Shaw Scholarship, the annual income from twelve hundred fifty dollars (\$1250), the contribution of their children, Miss Clara W. Shaw, Mrs. Bertha Shaw Nevling, Mrs. Jeanne Shaw Bailey, Calvin Bishop Shaw, Charles M. Shaw, each contributing two hundred fifty dollars (\$250). The donors may designate annually some worthy young person in the College in need of financial help. If no such designation is made by the donors, the President of the College may designate such person, preference to be given to applicants residing in the Central Pennsylvania Conference and to such worthy young men preparing for the ministry.

The A. Herr Smith Scholarship, endowed, averaging one hundred dollars a year, is the gift of the late Miss Eliza E. Smith, of Lancaster, in memory of her brother, the late Hon. A. Herr Smith.

The Cornelia Thumm Scholarship, the annual interest on nine hundred and fifty dollars, the legacy of the late Mrs. Cornelia A. Thumm, of Philadelphia, is used to aid such students as may be designated by the President.

The Ella Stickney Willey Scholarship of fifty dollars, established by Mrs. Ella Stickney Willey, of Pittsburgh, Pa., is awarded annually to such students as may be designated by the donor or by the President.

The Rev. William Wood Scholarship of fifty dollars, the gift of Miss Sarah Wood, of Trenton, N. J., is awarded annually to such students as may be designated by the donor or by the President.

BLANK FORMS FOR WILL BEQUESTS

I give and bequeath to the "Trustees of Dickinson College, in the County of Cumberland, in the Borough of Carlisle,"

incorporated under the laws of the State of Pennsylvania, the sum of.....dollars; and the receipt of the Treasurer thereof shall be sufficient discharge to my executors for the same.

In devises of real estate observe the following :

I give and devise to "The Trustees of Dickinson College, in the County of Cumberland, in the Borough of Carlisle," incorporated under the laws of the State of Pennsylvania, the following land and premises, that is to say..... to have and to hold the same, with the appurtenances, to the said Board, its successors and assigns, forever.

Persons making bequests and devises to the Board of Trustees or knowing that they have been made, are requested to notify the President of the College, Carlisle, Pa., and, if practicable, to enclose a copy of the clause in the will, that the wishes of the testators may be fully known and recorded.

Persons making bequests who may desire to have the bequests devoted to some particular purpose, such as general endowment, or the endowment of a chair, or for a building, or for the endowment of a scholarship, are requested to make specific mention of the same in the will provision.

REGISTER OF STUDENTS

C.—Classical Course, Degree A.B.

Ph.—Philosophical Course, Degree Ph.B.

Sc.—Scientific Course, Degree Sc.B.

When no other state is mentioned residence is in Pennsylvania.

SENIORS

1920-1921

Name	Course	Residence
Beam, Reba M.....	Ph.....	Carlisle
Berkheimer, Frank E.....	C.....	Mechanicsburg
Black, Frank G.....	Ph.....	Baltimore, Md.
Brame, Edward G.....	C.....	Carlisle
Bretz, William E.....	Ph.....	Harrisburg
Cornwell, John G.....	C.....	Philadelphia
Crosland, Stanley B., Jr.....	C.....	Philadelphia
Daugherty, J. Fenton.....	Ph.....	Glyndon, Md.
Davis, Herbert L.....	Ph.....	Cedarville, N. J.
Davis, John G.....	C.....	Harrisburg
Deitz, Grace M.....	C.....	Mt. Joy
Doehne, George, 3rd.....	Ph.....	Harrisburg
Dwinnchik, Chester.....	Ph.....	Larksville
Finch, Frances L.....	C.....	Wilkes-Barre
Gray, Frank A.....	Ph.....	New Gretna, N. J.
Hamada, T.....	Ph.....	Japan
Hand, Horace B.....	Ph.....	Millville, N. J.
Henderson, Robert H.....	C.....	Huntingdon
Hering, Mary E.....	C.....	Felton, Del.
Holmes, Wendell C.....	C.....	Cape May Court House, N. J.
Hower, Marion M.....	C.....	Mt. Union
Hurlbert, M. Louise.....	C.....	Avis
Kane, I. Howell.....	Ph.....	Trenton, N. J.
Kann, Walter A.....	C.....	Carlisle
Kauffman, Kurtz.....	C.....	Mifflintown
Keim, Cameron D.....	Ph.....	Steelton
Kinneman, John A.....	Ph.....	Abbottstown
Kreider, Homer L.....	C.....	Harrisburg

Name	Course	Residence
Latch, Edward G.....	C.....	Baltimore, Md.
Learned, Mary R.....	C.....	Carlisle
LeFevre, S. Kathleen.....	C.....	Carlisle
Legris, Charlotte.....	C.....	Toulon, France
Lippert, Walter C.....	Ph.....	Honesdale
Lippi, Nora L.....	C.....	Harrisburg
Lloyd, Trago W.....	C.....	Martinsburg, W. Va.
Lowe, C. Russell.....	C.....	New Freedom
MacLean, Xenna K.....	C.....	Westfield
McCrea, Barbara S.....	C.....	Newville
McCrea, Sarah M.....	C.....	Newville
Masonheimer, Mildred E.....	C.....	Carlisle
Miller, Harvey N.....	Ph.....	New Freedom
Miller, W. Gerry.....	Ph.....	New Freedom
Morgenthaler, John F.....	C.....	Harrisburg
Oakes, Anna E.....	C.....	Philadelphia
Phillips, Mary E.....	C.....	Harrisburg
Ray, Park L.....	C.....	Tyrone
Riegel, Irma M.....	Ph.....	Reading
Riker, Ethel M. A.....	Ph.....	Newark, N. J.
Scott, Phillips Brooks.....	Ph.....	Avoca
Seabold, Harry W.....	Ph.....	Harrisburg
Seidle, Russell C.....	Ph.....	Harrisburg
Shope, Wilda S.....	C.....	Huntingdon
Skeath, J. Milton.....	C.....	Mahanoy City
Slaybaugh, J. Paul.....	Ph.....	Mont Alto
Smith, T. Weldon.....	C.....	Mont Alto
Starner, Mildred J.....	Ph.....	Carlisle
Steck, Malcolm M.....	Ph.....	Carlisle
Stevens, McKinley H.....	Ph.....	Gordon
Stroup, Goodell W. G.....	Ph.....	Harrisburg
Thomas, Charles H.....	C.....	Waynesboro
Thompson, D. Wilson.....	C.....	Carlisle
Wagner, Frederick C.....	C.....	Hanover
Walker, Paul R.....	C.....	Bolivar
Wingcard, Margaret.....	C.....	Harrisburg
Young, William M.....	Ph.....	Steelton

JUNIORS

1920-1921

Albright, Agnes M.....	Ph.....	New Cumberland
Allen, Harvey R.....	Ph.....	Hazleton

Name	Course	Residence
Berkey, Albert.....	C.....	Bolivar
Bower, William L.....	C.....	Allentown
Bratton, Elizabeth B.....	C.....	Carlisle
Brumbaugh, Ruth E.....	C.....	Altoona
Brunstetter, Byron C.....	C.....	Harrisburg
Brunstetter, Max.....	C.....	Harrisburg
Burkholder, Mildred B.....	C.....	Harrisburg
Diller, Elizabeth A.....	C.....	Carlisle
Dotter, Ruth M.....	C.....	Carlisle
Everhart, Florence E.....	C.....	York
Fair, Beulah M.....	C.....	New Kingston
Flickinger, Edward H.....	Ph.....	Fannettsburg
Folmsbee, Stanley J.....	C.....	Bridgeville, Del.
Fox, Solomon C.	Ph.....	Mizpah, N. J.
Glassco, Herbert W.....	C.....	Osceola Mills
Grande, John W.....	C.....	Pocomoke City, Md.
Guyer, Gladys.....	Ph.....	Mechanicsburg
Hartman, Clifton C.....	C.....	Bloomsburg
Herb, Ruth E.....	Ph.....	Mt. Carmel
High, Laura E.....	C.....	Geigers Mills
Hoover, Cyril J.....	C.....	Hagerstown, Md.
Howard, Lulu M.....	C.....	Ridgewood, N. J.
Howell, Lewis S.....	C.....	Mauricetown, N. J.
Iley, Frances H.....	C.....	Tamaqua
Kenedy, John B.....	Ph.....	Carlisle
Kenyon, Arnold O.....	Ph.....	Doylestown
Klepser, John M.....	Ph.....	Holidaysburg
Kruse, Harry D.....	C.....	Vineland, N. J.
Kurokawa, Colbert N.....	C.....	Hawaii
Kurtz, Dorothy S.....	C.....	Altoona
Loban, Winfield H.....	Ph.....	Harrisburg
Merkel, Clarence W.....	Ph.....	Hamburg
Merwin, Harold S.....	C.....	Orange, N. J.
Miller, H. Lloyd.....	Ph.....	Tunkhannock
Miller, Oscar H.....	C.....	New Freedom
Miller, Ralph R.....	C.....	Carlisle
Miller, Wilbur H.....	Ph.....	Mifflinville
Noaker, Mary E.....	C.....	Carlisle
O'Donnell, Elizabeth M.....	C.....	New York City
Patterson, Katharine N.....	Ph.....	Williamsburg
Paul, G. Hurst.....	Ph.....	Imperial, Neb.
Peters, John B.....	Ph.....	Gardners
Pipa, John L.....	Ph.....	Keiser

Name	Course	Residence
Place, Anna.....	Ph.....	Mehoopany
Place, Mary.....	Ph.....	Mehoopany
Poff, Niles M.....	C.....	Wenonah, N. J.
Ramey, W. Albert.....	Ph.....	Harrisburg
Rich, Fleming B.....	Ph.....	Woolrich
Rieck, Allan.....	Ph.....	Millville, N. J.
Robinson, Edith M.....	Ph.....	Terryville, Conn.
Rupp, Raphael E.....	Ph.....	Shiremaustown
Scott, Helen E.....	Ph.....	Pequabuck, Conn.
Sharp, Phebe L.....	C.....	Carlisle
Sharp, Reuben L.....	C.....	Carlisle
Sheafer, Charlotte C.....	C.....	Carlisle
Shellenberger, Esther H.....	C.....	Willow Street
Skelly, F. Clark.....	C.....	Shippensburg
Spangler, Lloyd E.....	Ph.....	Carlisle
Spotts, Carleton B.....	C.....	Blain
Stearns, Harry L.....	C.....	Camp Hill
Steen, James C.....	Ph.....	Milsboro, Del.
Strayer, Helen C.....	C.....	Harrisburg
Trine, Emelyn M.....	C.....	Mt. Holly Springs
Tustin, James F.....	Ph.....	Ocean Grove, N. J.
Waldman, Harry N.....	C.....	Wilkes-Barre
Warren, Lawrence W.....	C.....	Shippensburg
Watts, Katherine E.....	C.....	Harrisburg
Weakley, Esther E.....	C.....	Boiling Springs
Wehrle, Helen M.....	Ph.....	Winthrop, Mass.
Weisensale, Helen M.....	Ph.....	Hanover
Wetzel, Mary K.....	Ph.....	Carlisle
Willoughby, Edwin E.....	C.....	Pitman, N. J.
Wise, DeWitt D.....	C.....	Boiling Springs
Witter, Alice M.....	Ph.....	Carlisle
Zinn, Mildred R.....	C.....	Carlisle
Zoretskie, Marcella A.....	C.....	Mt. Carmel

SOPHOMORES

1920-1921

Anderson, Carl H.....	Ph.....	Clearfield
Babcock, Joseph D.....	Ph.....	Coscob, Conn.
Bacon, J. Edward.....	Ph.....	Glencoe, Md.
Baner, Albert L.....	C.....	Salem, N. J.
Barnes, B. Harry.....	C.....	Coatesville
Bates, Charles E.....	C.....	Hazleton

Name	Course	Residence
Beighle, James L.....	Ph.....	New Wilmington
Bonilla, Carlos C.	Se.....	Honduras
Booty, Ruth A.....	C.....	Bedford
Brackbill, J. Earle.....	Se.....	Spruce Hill
Brophy, George L.....	C.....	Heckscherville
Bucke, Elizabeth J.....	Se.....	Hazleton
Carter, Harold J.....	Se.....	Jersey Shore
Church, Ashbrook H.....	Se.....	Cape May, N. J.
Conklin, Helen.....	C.....	Bayonne, N. J.
Corl, Harry B.....	Se.....	Altoona
Crist, Robert W.....	Ph.....	Harrisburg
DeMaris, Elizabeth M.....	C.....	Asbury Park, N. J.
Epright, Eleanor W.....	C.....	Altoona
Eshleman, Lloyd W.....	Ph.....	Shippensburg
Eslinger, M. Margaret.....	C.....	Berwick
Ewing, Ruth E.....	C.....	Spruce Hill
Fagan, Edward J.....	Ph.....	Chester
Farrar, James A.....	C.....	Federal
Fitzgerald, Mabel.....	C.....	Carlisle
Fitzgerald, May.....	C.....	Carlisle
Frankenberry, Mary.....	Ph.....	Lewistown
Garland, Mary C.....	C.....	Harrisburg
Garland, Paul B.....	Ph.....	Bellwood
Gifford, Albert S.....	Ph.....	Bayonne, N. J.
Goodman, Zora.....	Ph.....	Galeton
Goodyear, Donald H.....	Ph.....	Carlisle
Grant, Alice J.....	Ph.....	Toms River, N. J.
Gray, Elmer J.....	Ph.....	Torrance
Harter, J. W. Fisher.....	Ph.....	Hollidaysburg
Hawn, Roger W.....	Ph.....	Erma, N. J.
Heller, Leighton J.....	C.....	Clementon, N. J.
Herzog, Webster C.....	C.....	Bechtelsville
Hilbish, Florence M.....	C.....	Espy
Hoke, Anna.....	C.....	Shippensburg
Hoover, Edith G.....	C.....	Carlisle
Irwin, Harold S.....	Ph.....	Doylestown
Jones, S. Elizabeth.....	C.....	Milford, Del.
Johnson, Carl J.....	Ph.....	Lanse
Keller, Harold W.....	C.....	Philadelphia
Knowles, Virgil M.....	Ph.....	Seaford, Del.
Kimmel, Alta M.....	C.....	Carlisle
Kinthead, Arthur L.....	Se.....	Clearfield
Leeds, Esther M.....	C.....	Harrisburg

Name	Course	Residence
Lehman, Rowland R.....	C.....	Newberry
Liggett, Oella I.....	C.....	Carlisle
Line, Dorothy C.....	C.....	Carlisle
Loy, Janet E.....	C.....	Carlisle
McBride, William K.....	Sc.....	Harrisburg
McClure, Howard H.....	C.....	Shamokin
McKinney, Carol.....	Ph.....	Coatesville
Maddrix, F. Kirk.....	C.....	Marcus Hook
Maurer, James M.....	C.....	Minersville
Mindlin, Lillian.....	C.....	Orange, N. J.
Mower, Claude E.....	C.....	Farmingdale, N. Y.
Mowry, William.....	Ph.....	Mann's Choice
Mulholland, Stanley W.....	Sc.....	Millville, N. J.
Mullon, Harry B.....	C.....	Great Neck Station, N. Y.
Mutzabaugh, Regis T.....	Ph.....	Holidaysburg
Myers, Elvin C.....	C.....	Carlisle
Nearhoof, Victor T.....	C.....	Warrior's Mark
Nolte, M. Elizabeth.....	C.....	Lewistown
Nutter, Eva P.....	C.....	Chesapeake City, Md.
Pearson, Ward B.....	C.....	Jersey Shore
Peterman, Mary B.....	C.....	Royersford
Pheasant, J. Miles.....	C.....	Mapleton Depot
Probert, Gertrude.....	C.....	Hazleton
Rawlins, Philip J. T.....	Sc.....	Seaford, Del.
Reupseh, Della.....	C.....	Cape May, N. J.
Riggin, E. Cranston.....	C.....	Crisfield, Md.
Rinker, B. Floyd.....	C.....	Mt. Union
Rolland, Guy.....	C.....	Orwigsburg
Sample, Donald D.....	Ph.....	Sharon
Scheirer, Harold K.....	Sc.....	Bound Brook, N. J.
Shaub, Helen E.....	C.....	Lancaster
Shaw, Arnold B.....	C.....	Clearfield
Simmons, J. Estol.....	C.....	Johnstown
Sloat, Raymond L.	C.....	Jersey City, N. J.
Smith, Alexander K.....	C.....	Philadelphia
Smith, Charles A.....	C.....	Hebron, Md.
Smith, Frank F.....	Ph.....	Dias Creek, N. J.
Smith, Frank G.....	Ph.....	Brisbin
Stoner, Carl B.....	C.....	Harrisburg
Stouffer, Donald B.....	Sc.....	Steelton
Swartz, Morris E., Jr.....	C.....	Baltimore, Md.
Trautman, Samuel O.....	Sc.....	Cassville
Trumbower, Bruce G.....	C.....	Hunlock Creek

Name	Course	Residence
Waltman, Guy E.....	C.....	Orwigsburg
Wardle, Evelyn.....	C.....	Seranton
Warren, Leroy R.....	Sc.....	Georgetown, Del.
Williammoe, J. Tilden	Ph.....	Mt. Holly Springs
Wilver, S. Edith.....	C.....	Harrisburg
Witchey, Harry W.....	C.....	Osceola Mills
Wrightson, James O.....	C.....	Frederick, Md.
Yeingst, Olivette.....	Ph.....	Mt. Carmel
Yeingst, Violette.....	Ph.....	Mt. Carmel

FRESHMEN

1920-1921

Aughanbaugh, John E.....	C.....	Autes Fort
Badders, Nellie L.....	C.....	York
Bair, Geraldine W.....	C.....	Lemoyne
Banks, Hugh M.....	Sc.....	Mifflintown
Bardo, Henrietta G.....	C.....	Jersey Shore
Bare, Howard D.....	C.....	Philadelphia
Baughman, Chester.....	Sc.....	West Newton
Baughman, Lon H.....	C.....	DuBois
Beachley, Jack H.....	Sc.....	Hagerstown, Md.
Beecher, Henry W.....	C.....	Carlisle
Bender, Joseph S.....	Sc.....	Lewistown
Bingman, Francis H.....	Sc.....	Jersey Shore
Bixler, L. Kenneth.....	Sc.....	Carlisle
Bond, Evelyn S.....	Ph.....	Westminster, Md.
Bortz, Ruth W.....	Ph.....	Allentown
Boyd, R. Wayne.....	Ph.....	Parkesburg
Boyer, Howard F.....	Ph.....	Sunbury
Branstetter, M. Zada.....	C.....	Warrior's Mark
Bratton, John B., Jr.....	Ph.....	Carlisle
Browne, Cornelia G.....	C.....	Harrisburg
Buch, Dorothy E.....	Ph.....	York
Buck, Pauline.....	C.....	Wilmington, Del.
Buckson, Rose S.....	C.....	North East, Md.
Burkholder, Paul R.....	C.....	Chambersburg
Burn, Charles W.....	Ph.....	Bayonne, N. J.
Chambers, Mary E.....	C.....	Lansdowne
Cohick, Mary E.....	Sc.....	Williamsport
Cook, Walter S., Jr.....	Ph.....	Philadelphia
Cooper, Gladys.....	C.....	Clearfield
Corbett, William A.....	Ph.....	Waynesboro

Name	Course	Residence
Crawford, S. Elizabeth.....	C.....	Mechanicsburg
Cunkle, Margaret L.....	C.....	Harrisburg
Cunningham, Merrill D.....	Ph.....	Mount Union
Dalton, James R.....	Sc.....	Chester
Davies, Mary W.....	Ph.....	Carlisle
Davis, Dorothy A.....	C.....	Harrisburg
Diener, Mary.....	C.....	Reading
Dingman, Briggs P.....	C.....	West Chester
Dixon, William P.....	Ph.....	New Milford
Doner, W. Paul.....	Ph.....	Carlisle
Dreher, Albert O.....	C.....	Shamokin
Dubson, Mary S.....	Ph.....	Spring City
Echandi, Carlos M.....	Sc.....	San Jose, Costa Rica
Ellinger, Harry O.....	Ph.....	Enola
Ellsworth, Elmer J.....	Sc.....	Schuyler Lake, N. Y.
Embrey, Joseph R., Jr.....	C.....	Philadelphia
Ensor, Zita.....	Ph.....	Sparks, Md.
Eppley, Clair M.....	Ph.....	Carlisle
Essig, Fred C.....	Ph.....	Harrisburg
Filler, M. Elizabeth.....	C.....	Carlisle
Finn, Raymond.....	Sc.....	Altoona
Fish, Harold H.....	Sc.....	Richwood, Va.
Fluke, Samuel B.....	Sc.....	Altoona
Forman, Milton.....	Ph.....	Trenton
Foster, Huston G.....	Ph.....	Kenilworth, N. C.
Franke, Robert L.....	C.....	Johnstown
Frederick, Robert C.....	Sc.....	Carlisle
Fritchey, John A.....	Ph.....	Harrisburg
Fritz, Elbert H.....	C.....	Freeland
Fry, Charles S.....	Ph.....	Carlisle
Gayner, Edward J.....	C.....	Salem, N. J.
Gettemy, Chester R.....	Ph.....	Latrobe
Gifford, M. Gladys.....	Ph.....	Shirleysburg
Givler, Esther K.....	C.....	Boiling Springs
Glatfelter, Stuart E.....	C.....	Harrisburg
Goodiel, Carlton D.....	Sc.....	Harrisburg
Gottschall, J. Joyce.....	Ph.....	Van Wert, O.
Grafflin, Dorothy E.....	C.....	New York City
Green, L. Vance.....	C.....	Altoona
Greene, Thelma E.....	Ph.....	Altoona
Gulden, J. Albert.....	C.....	Carlisle
Hagerty, Jane.....	C.....	Clearfield
Hartman, Anna.....	Ph.....	Red Bank, N. J.

Name	Course	Residence
Hays, John, Jr.....	Se.....	Carlisle
Hemminger, Dorothy D.....	Ph.....	Carlisle
Henninger, F. LaMont.....	C.....	Williamsport
Henry, Burnell A.....	C.....	Hanover
Herr, Paul M.....	Ph.....	Carlisle
Hess, Paul R.....	Se.....	Chambersburg
Hibler, C. Arthur, Jr.....	Ph.....	Harrisburg
Hinkle, Gordon F.....	C.....	Harrisburg
Holleran, Claire M.....	C.....	West Pittston
Holmes, Fred V.....	C.....	Bloomsburg
Horwitz, David J.....	C.....	Camden, N. J.
Houseman, William H.....	Ph.....	Carlisle
Houston, M. Genevieve.....	C.....	Carlisle
Houston, Jeraldine A.....	C.....	Carlisle
Johnston, Hugh K.....	Ph.....	Bellefonte
Johnston, Philip H.....	Ph.....	Bellefonte
Jones, Ruth Edna.....	C.....	Wilmington, Del.
Kaplan, Emanuel.....	Ph.....	Trenton, N. J.
Keating, Eugenia R.....	C.....	Pittston
Keen, Marion C.....	C.....	Wiconisco
Keller, William T.....	Ph.....	Marysville
Kelley, Janet A.....	C.....	Newville
Kenworthy, William P., Jr....	Se.....	Parkesburg
Kephart, William.....	Se.....	Altoona
Klein, J. Norman.....	Ph.....	Reading
Klepser, J. Ralph.....	Ph.....	Hollidaysburg
Kline, Sidney D.....	C.....	West Reading
Knouff, Joseph W.....	C.....	Harrisburg
Koller, Mary E.....	C.....	Mechanicsburg
Koplovitz, Bernard.....	C.....	Harrisburg
Kresge, Marian G.....	Se.....	Allentown
Kurtz, Kenneth S.....	C.....	Harrisburg
Kutner, Charles.....	Se.....	Camden, N. J.
Laise, Herbert F.....	C.....	Bunker Hill, W. Va.
Leeds, Florence E.....	C.....	Paulsboro, N. J.
Leopold, W. Randall.....	C.....	Lewistown
Logan, Arthur G.....	Se.....	Asbury Park, N. J.
Lyon, Isadore B.....	Se.....	Hagerstown, Md.
McIlroy, A. Marian.....	Ph.....	Danville
McKaig, Charles L.....	Se.....	Island Heights, N. J.
Madore, Robert.....	C.....	Bedford
Magee, Harry L.....	Ph.....	Bloomsburg
Manahan, Sara E.....	C.....	Harrisburg

Name	Course	Residence
Markle, Charles J.	C.	Mill Hall
Mercurio, Annette.	C.	Harrisburg
Michael, Naomi H.	C.	Harrisburg
Miller, Ammon L.	Ph.	Shamokin
Mong, Clair B.	Ph.	Bellwood
Morgan, Elizabeth.	Ph.	Bridgeville, Del.
Morgenthaler, Wendell P. C.	Ph.	Harrisburg
Moss, Clarence G.	Ph.	Bloomsburg
Nace, Donald S.	Ph.	McConnellsburg
Nailor, M. Evelyn.	C.	Camp Hill
Nesbit, William W.	Sc.	Lurgan
Nissley, Paul H.	C.	Elizabethtown
Noel, Arthur J.	Ph.	Portage
Nokes, John M.	Sc.	Holidaysburg
Notestine, Helen C.	Ph.	Harrisburg
Oaks, Charles L., Jr.	Ph.	Reading
Paul, Margaret H.	Ph.	Harrisburg
Peritz, Joseph H.	Ph.	Syracuse, N. Y.
Plott, Harry W.	Ph.	Middletown
Potter, Mary A.	Sc.	Karthaus
Prowell, Glenn Y.	Sc.	New Cumberland
Quinn, Charles.	Ph.	Trenton, N. J.
Randolph, N. Earl.	Sc.	Trenton, N. J.
Read, Ruth W.	C.	Camden, N. J.
Riegel, Esther I.	C.	Enola
Ritzman, D. Carl.	Ph.	Port Royal
Rochow, W. M. Harry.	C.	York
Rogers, Horace E.	Sc.	Red Bank, N. J.
Ross, Harlow E.	Ph.	Newark, N. J.
Ryan, Martin A.	C.	Trenton, N. J.
Ryder, Lloyd.	C.	Carlisle
Santella, Angelo.	C.	Altoona
Sayres, Brinley R.	Ph.	Wilkes-Barre
Schrank, Ellwood R.	C.	Elizabethtown
Schultz, William C.	Sc.	Waynesboro
Scott, Walter H. E.	C.	Summit Hill
Seeley, Harold A.	Ph.	Shamokin
Selby, J. Mahlon.	C.	Cabin John, Md.
Sell, Paul R.	Sc.	Orwigsburg
Shaver, C. Claire.	Ph.	Bloomsburg
Sheedy, Ann Davies.	Ph.	Carlisle
Shelley, Rachael.	C.	Mechanicsburg
Shupert, Meredith J.	C.	Conshohocken

Name	Course	Residence
Simonetti, Leon S.....	C.....	Harrisburg
Smith, John S.....	Ph.....	Harrisburg
Smith, Paul J.....	Ph.....	Lemoyne
Smith, Paul L.....	Se.....	Altoona
Springer, Eustace L.....	Se.....	Carlisle
Stecker, Oliver A.....	Ph.....	Wilkes-Barre
Stegmeier, Alva M.....	Ph.....	Allentown
Stevens, F. Katharine.....	Ph.....	Shirleysburg
Stewart, Robert C.....	Ph.....	Haddon Heights, N. J.
Stoner, J. Bernard, Jr.....	Ph.....	Altoona
Stonesifer, Henrietta.....	Ph.....	Harrisburg
Strain, Samuel W.....	Ph.....	Littlestown
Strockbine, James K.....	Se.....	Gibson
Sunwalt, A. Louise.....	C.....	Wilmington, Del.
Switzer, Leona D.....	C.....	Harrisburg
Templin, Samuel E.....	C.....	Reading
Tobias, Lulu T.....	C.....	Clearfield
Triebels, N. Eugene.....	Ph.....	Jersey Shore
Tuozzolo, Peter A.....	Se.....	Trenton, N. J.
Turner, Richard L.	C.....	Trainer
Updegraff, Ellis P.....	Se.....	Montoursville
Wagner, Charles C.....	Se.....	Hanover
Wagner, G. Stuart.....	Se.....	Harrisburg
Wagner, Kathryn.....	C.....	Carlisle
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Wallize, J. Arthur.....	C.....	Lewistown
Watts, Virginia R.....	C.....	Harrisburg
Weeks, D. Vivian.....	Ph.....	Ocean City, N. J.
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Wilson, Mildred E.....	C.....	Mechanicsburg
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CARLISLE, PA.

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CATALOGUE OF
Dickinson College

1921-1922

139th ANNUAL SESSION



CARLISLE, PA.
PUBLISHED BY THE COLLEGE
MCMXXII

DICKINSON'S PART

DICKINSON has played her part variously in the various crises of our national life. In the lurid period preceding the Civil War, Professor McClintock championed the cause of the runaway slave in Carlisle's historic old courthouse, and in 1847 was the central figure in a famous trial, he being the chief prisoner on trial with thirty negroes for riot. The famous Dred Scott decision, so prominent among the provocative factors of the war, was written by the Chief Justice of the United States Supreme Court, Roger B. Taney, of the class of 1795, who had made history thirty years before as Attorney General and Secretary of the Treasury in the administration of Andrew Jackson. James Buchanan, of the class of 1809, was President of the United States at the time of this decision; and he as Secretary of State in the cabinet of James K. Polk had played a leading part in the settlement of the Oregon boundary dispute with Great Britain, and had negotiated the annexation of Texas which resulted in the war with Mexico. The South Carolina ordinance of secession, passed on December 20, 1860, was drafted by the Chancellor of the State, John A. Inglis, of the class of 1829. After the seceding States had withdrawn, the Senate leader of the minority was Willard Saulsbury, of the class of 1842, United States Senator from Delaware; and in the fierce party strife after the war, Thomas Williams, of the class of 1825, was appointed by the Judiciary Committee of the House of Representatives to prosecute the impeachment proceedings against Andrew Johnson.

In the Civil War the College was largely represented in both armies, for as the College drew its patronage from both North and South the opening guns of the struggle called to the contending military camps a majority of the student body. In the Gettysburg campaign the College campus was occupied

by a North Carolina regiment whose colonel carefully guarded the property of the College because it was the *alma mater* of his friend, Charles F. Deems, of the class of 1839, the famous preacher and later the pastor of the Church of the Strangers in New York City.

Hundreds of Dickinsonians recently wore the khaki in the World War. Five hundred and sixty-five of them were in the service at a distance and two hundred and fifty-two in the Students' Army Training Corps at the seat of the College. Of those in distant service, three hundred and six held commissions, and twenty-five were in the service of the Red Cross and Y. M. C. A.—a total of three hundred and thirty-one. Sixteen of them died in the service, some in camp and others in battle.

These men emulated earlier Dickinsonians who had done their part in other national emergencies, and were no whit behind them in the promptness and unselfishness with which they responded to the call of their time and laid their all on the altar of their Country's need. It has been the good fortune of Dickinson to train men quick to respond in the great emergencies of our public life; and she has also a remarkable record for the number of her sons in the professions having to do with moral and religious uplift.

The College was chartered in 1783 and its first class graduated in 1787. During its first century four years had no graduating classes. The records of many of the early graduates have been lost; but those known to have been connected with the first ninety-four classes, 1787-1884 (with four classes out as above) served as follows:

In Positions Under the National Government

President of the United States	1	Cabinet Officers	8
Chief Justice of the United States	1	Ministers	9
Judges of United States Courts	16	Consuls	8
		Senators	13
		Representatives	47

Total, 103, or over one per class.

In Positions Under Various State Governments

Governors	6	Senators	42
Cabinet Officers	5	Representatives	67
Judges	62		

Total, 182, nearly two per class.

In the Christian Ministry

Ministers	439	Missionaries	25
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Total, 464, nearly 5 per class.

In Educational Work

College Presidents	47	City School Superintendents..	19
College Professors	91	Principals of Academies and	
State School Superintendents	10	High Schools	30

Total, 197, over 2 per class.

Lawyers

Nearly 5 per class.

Of the next twenty-two classes the same sort of statistics are not available, but the following classification has been made of the nine hundred and seventy-six male graduates:

Engineers	36	Business Men	184
Lawyers	169	Educators	242
Physicians and Surgeons	71	Preachers and Missionaries ..	274

Total, 976

Twenty late classes, 1901-1920, graduated 823 men, engaged as follows:

Teachers	243	Y. M. C. A. Secretaries	7
Preachers	168	Miscellaneous	405

The record of the 167 men of three classes, 1900, 1901, 1902, about twenty years out of college is as follows:

Army Officers	2	Lawyers	22
Business Men	42	Librarians	2
Dentist	1	Physicians	3
Educators	38	Preachers	48
Engineer	1	Scientist	1
Journalists	7		

Total, 167.

The class graduating in 1922 with 40 men will probably be distributed as follows:

Business Men	3	Physicians	4
Educators	8	Preachers	12
Lawyers	5	Undecided	8
Total, 40.			

Judged in the light of all these cross sections of its male alumni life, the College sends a very unusual proportion of its men into the fields having to do with public welfare and world uplift. Dickinsonians seem to be trained for public service.

TO THE EIGHT HUNDRED AND TEN SONS OF DICKINSON
IN RECOGNITION OF THEIR SERVICES IN THE WORLD WAR

FIVE HUNDRED AND THIRTY THREE IN THE ARMY AND NAVY
TWO HUNDRED AND FIFTY TWO IN THE STUDENT'S ARMY TRAINING CORPS
AND
TWENTY FIVE IN THE AUXILIARY SERVICE

ESPECIALLY IN MEMORY OF THOSE
WHO GAVE THEIR LIVES FOR THEIR COUNTRY

- | | | | |
|---|--|---|--|
| JOHN ALEX. DALLAM
FIRST LIEUTENANT IN ARTILLERY | SAMUEL W. HARRIS
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Students are admitted to the College by certificate and on examination, on presentation of testimonials of good moral character, and, if from other colleges, evidences of honorable dismissal. Applications for admission to advanced standing in the College will not be received later than the opening of the Senior year.

Men and women are admitted to the College on equal terms.

BY CERTIFICATE

Certificates for work done in approved secondary schools are accepted, but not diplomas or certificates of graduation.

Blank forms for certification will be furnished on application, and these should be returned to the College by the principal of the school.

Certificates from other colleges will be estimated according to the grade of said colleges; but no student will be admitted from another college with rating beyond that previously held.

GENERAL STATEMENT OF SUBJECTS REQUIRED FOR ADMISSION

Requirements for admission are stated in terms of units, a unit being a course of study pursued for a year at least four periods a week of forty minutes each. At least fourteen and a half such units are required for admission, and *graduates from literary courses of approved high schools or academies can meet the requirements.*

Required Units

Algebra, Elementary.....	1½ units
English	3 units
Geometry, Plane	1 unit

Elective Units

Ten units from the following subjects are required. Nine units, however, will satisfy the requirements for admission if five of them are in two subjects and three of the five are in language other than English.

French	2, 3, or 4 units
German	2, 3, or 4 units
Greek	2 or 3 units
History	2 units
Latin	2, 3, or 4 units
Science	1, 2, or 3 units
Solid Geometry	1½ unit
Trigonometry	1½ unit

REQUIREMENTS FOR ADMISSION BY SUBJECTS

English.—No candidate will be accepted in English whose work is notably defective in spelling, punctuation, idiom, or division into paragraphs.

Reading and Practice.—In the reading and study of English classics, the requirements are those recommended by the National Conference on College Entrance Requirements in English. The work is usually covered by approved high schools of four-year courses of study.

French.—The preparation in French should comprise careful drill in the rudiments of grammar, including the inflection of the regular and the common irregular verbs, the inflection of adjectives, and the use of the participles and pronouns, constant attention being paid to pronunciation. Much time should be given to translation, both oral and written, of easy English into French. From six hundred to eight hundred pages of graduated texts should be read. If much attention has been given to oral work, the amount of reading may be diminished.

German.—Students offering German as an entrance requirement should be thoroughly familiar with the essentials of German Grammar; should be able to translate easy English into German; should be able to translate at sight easy German prose, and should be able to pronounce with a fair degree of accuracy. Candidates offering two units of German for admission to college are expected to have read 200 pages of easy German; those offering three units are expected to have read 400 pages besides reading at sight in class. From students who have been taught according to the Direct Method, a smaller amount of reading will be accepted.

Greek.—Grammar; Xenophon's "Anabasis," four books; Homer's "Iliad," three books. Fair equivalents will be accepted.

Prose composition, based on the Greek texts read from day to day in preparation, is recommended, and ability to write simple Greek sentences is required.

History.—Histories of Greece, Rome, and the United States. The following works will indicate the amount required: Westermann's "Story of the Ancient Nations"; Botsford's "Ancient World"; or Botsford's "Orient and Greece" with Abbott's "Short History of Rome"; any good history of the United States, such as Channing's, McLaughlin's, MacMaster's, or Hart's.

Latin.—I. The Latin reading required of candidates for admission to college, without regard to the prescription of particular authors and works, shall be not less in amount than Cæsar, "Gallie War," I-IV; Cicero, "The Orations against Catiline," "For the Manilian Law," and "For Archias"; Vergil, "Æneid," I-VI.

II. The amount of reading specified above shall be selected by the schools from the following authors and works: Cæsar, "Gallie War," and "Civil War"; Nepos, "Lives"; Cicero, "Orations" and "De Senectute"; Sallust, "Catiline" and "Jugurthine War"; Vergil, "Bucolics," "Georgics," and "Æneid"; and Ovid, "Metamorphoses," "Fasti," and "Tristia."

The Latin requirements as stated above are those recommended by the American Philological Association in 1909.

Mathematics.—Arithmetic, including the Metric System; Algebra through Geometric Progression; Plane Geometry, including the solution of one hundred or more original exercises.

THE CURRICULUM

PLAN OF INSTRUCTION

It is the policy of the College to be a teaching institution, and its first aim is to furnish wise and expert teaching leadership. To attain this end the College has steadily exalted the teacher, and its policy has been to have only mature men and experienced teachers in its corps of instruction, with no immature or inexperienced tutors.

GENERAL STATEMENT

The College offers three parallel courses in the liberal arts and sciences, four years in length and leading to the degrees of Bachelor of Arts, Bachelor of Philosophy, and Bachelor of Science. They are based upon the completed secondary school course of study with certain studies prescribed for all matriculants. *Graduates from literary courses of approved high school should meet these requirements.* The courses provide for the varied needs and capacities of individuals by permitting a wide range of election.

In the course leading to the degree of Bachelor of Arts, some college Latin or Greek is required; in the course leading to the degree of Bachelor of Science a larger amount of work in science is required. Any of these courses, if successfully completed, will provide a liberal education, and will serve as a basis for professional study or for business life.

The work of the first two years is largely required, that of the last two is largely elective. Selection of electives may provide much special preparation along the line of intended life work, especially for those preparing to engage in business or to become ministers, lawyers, physicians, teachers, or engineers.

ELECTIVE COURSES AS TRAINING FOR BUSINESS
OR PROFESSIONAL CAREER

Business Course.—The College recognizes the fact that an ever-increasing number of college men follow business careers, and to meet their needs it offers practical courses of cultural value in preparation for these business careers.

Modern languages are a valuable part of such a course in this day of close relations in all the business world, and in addition to the ordinary French and German of the college course, Italian and Spanish have been added. Spanish especially is likely to be of increasing value as this country draws nearer in its business life to the great and rapidly developing countries of South America.

At least one course in Economics is required of all candidates for a degree, and other similar courses are elective in Modern Industrial Development, Industrial Organization and Business Management, Principles of Sociology, Social and Economic Problems, etc.

These electives as part of a cultural course are commended to the prospective business man.

Engineering Course.—Although many engineering schools admit students directly from the high school, some feel that it is a mistake both for the schools and for the students. Under this system engineers promise to be the least liberally educated of our professions. Law, medicine, and the ministry require part of the college course as preparation for their own professional studies. Engineers alone are largely without any college preparation, and there is beginning to be a protest against this on the part of the public and the wiser part of our body of youth. An increasing number of young people take the college course and propose after that to take their professional course in engineering, giving to the subject one or two additional years as may be necessary, and having the liberal training as a basis for their professional work. If a young man is planning for a broad preparation for life and large professional success, he ought certainly to

take the liberal arts training and then his professional specialty. The college course may be so arranged as to prepare for a prompt adjustment of engineering work for those choosing to take it after graduation.

Law Course.—In preparation for law, as part of the college course three hours a week of law may be elected in the Junior year and five hours a week in the Senior year. By judicious election and a little extra work good students may thus save one year in their subsequent course in the School of Law, completing the law course in two years after graduation instead of the three which would otherwise be required. An extra charge, however, is made when law is thus elected in place of college work.

Medical Preparatory Course.—All good medical schools today require a good deal of preparation beyond that of the high school, ranging from the college degree to two years of college work; and most good medical schools also require that certain particular subjects shall be taken as preparation for their work. Students who propose to study medicine may shape their college course in such a way as to meet fully the requirements of the great medical schools. The completion of the college course is strongly recommended for those who expect to study medicine, but arrangements can be made for those who plan for less than this whereby the minimum requirement of most medical schools may be met in a shorter time.

Teachers' Course.—The growing high school demand for college-trained teachers has found expression in the school codes of most of the progressive states, and on the completion of a college course covering certain electives in History and Principles of Education, and Psychology, young men and women are given certificates to teach in these states. The College thus prepares a great many teachers, and they are at once certified by state authorities and authorized to teach in their high schools. No ambitious young man or woman ought to consent to enter upon the teacher's career as a life work

without the college degree. With this degree a grade of work is at once open which would otherwise never be open. The educational requirements of Pennsylvania and neighboring states may be fully met by proper choice of electives in the College.

Partial Course.—In addition to the regular courses of study leading to graduation and an academic degree, a Partial Course is open to students not planning for so long a college residence as would be required to complete the full course. No such student, however, will be admitted unless fully prepared in English, History, and one other subject of college preparatory work. Such student must be ready for work of college grade.

COURSES OF STUDY—DETAILED STATEMENT

For summary of electives see page 26.

For detailed explanation of courses see pages 28-43.

BACHELOR OF ARTS COURSE

<i>Required</i>	Freshman Year	
English and Public Speaking A.....	3	hours
English Literature H.....	2	“
History A.....	3	“
Mathematics A.....	3	“
* <i>Elective</i> —Two of the following, one of them to be Greek or Latin.....	6	“
French	3	hours
German	3	“
Greek	3	“
Latin A.....	3	“
		<hr/> 17 hours

Sophomore Year

<i>Required</i>	
English Bible A—(Half Year).....	4 hours
Psychology A—(Half Year).....	4 “
Science—Biology C or Chemistry C or Physics C....	4 “
Social Science A.....	3 “

† <i>Elective</i> —Two of the following	6 hours
English I	3 hours
French	3 “
German	3 “
Greek	3 “
Latin B	3 “
Mathematics B	3 “
	<hr/> 17 hours

Junior Year

† <i>Elective</i>	16 hours
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Senior Year

† <i>Elective</i>	16 hours
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*A student should continue in college the languages in which he is fully prepared unless permission to substitute other language work is given.

†Each student must take two of the three courses—Biology C, Chemistry C, Physics C.

BACHELOR OF PHILOSOPHY COURSE*Required***Freshman Year**

English and Public Speaking A.....	3 hours
English Literature H.....	2 “
History A	3 “
Mathematics A.....	3 “

* *Elective*—Two of the following, according to the work offered for admission..... 6 “

French	3 hours
German	3 “
Greek	3 “
Latin A	3 “

17 hours
*Required***Sophomore Year**

Psychology A (Half Year).....	4 hours
English Bible (Half Year).....	4 “
Science—Biology C or Chemistry C or Physics C.....	4 “
Social Science A.....	3 “

* *Elective*—Two of the following

English I.....	3 hours
French	3 “
German	3 “
Greek	3 “
Latin B	3 “
Mathematics B	3 “

17 hours

Junior Year† *Elective* 16 hours**Senior Year**† *Elective* 16 hours

*Each student must take three years' work in some one language—at least one year of it in College.

†Each student must take two of the three courses—Biology C, Chemistry C, Physics C.

BACHELOR OF SCIENCE COURSE*Required***Freshman Year**

English and Public Speaking A..... 3 hours

English Literature H..... 2 “

Chemistry C..... 4 “

Mathematics A..... 3 “

* *Elective*—Two of the following, according to the work offered for admission..... 6 “

French 3 hours

German 3 “

Greek 3 “

Latin A 3 “

18 hours*Required***Sophomore Year**

Psychology A (Half Year)..... 4 hours

English Bible (Half Year)..... 4 “

Science—Biology C, or Chemistry F, or Physics C.... 4 “

Social Science A..... 3 “

* *Elective*—Two of the following..... 6 or 7 hours

English I..... 3 hours

French 3 “

German 3 “

Greek 3 “

Latin B..... 3 “

Mathematics B..... 3 “

Science—A second course from the group

—Biology C, Chemistry F, Physics C, 4 “

17 or 18 hours**Junior Year*** *Elective* 16 hours**Senior Year*** *Elective* 16 hours

*1. Each student must take three years' work in some one language—at least one year of it in College.

2. Each student must complete five courses in science from the following group—Biology C, Biology G, Chemistry C, Chemistry F, Chemistry I, Physics C, Physics F.

SUMMARY OF ELECTIVE COURSES

[In addition to work required from the preceding outline each student elects his own course from the following.

(For detailed statement of each course see pages 28-43)

American Literature	3	hours
Art, History of	2	"
Astronomy	2	"
Bible	10	"
Biology	15	"
Botany	5	"
Chemistry	18	"
Debating	1½	"
Economics	6	"
Education	10½	"
English Language	6	"
English Literature.....	11	"
Ethics	3	"
French	15	"
Genetics	1	"
Geology	2	"
German	15	"
Greek, Classical	15	"
Greek Testament	4	"
History	15	"
Italian	3	"
Latin	15	"
Law	8	"
Mathematics	17	"
Philosophy	3	"
Physics	15	"
Physiology and Hygiene	1½	"
Political Science	2	"
Psychology	9½	"
Social Science (Economics, Sociology, Political Science) ...	14	"
Spanish	6	"
Zoölogy	3	"

RULES GOVERNING CHOICE OF ELECTIVES

1. Choice of electives for the Sophomore, Junior, and Senior years shall be made in May and must have the approval of Class Deans. Change in electives may be made with the con-

sent of Class Deans before the opening of any semester, but later changes may be made only with faculty approval.

2. Elective studies in excess of the prescribed number of hours may be taken if, in the judgment of the faculty, such additional work will not interfere with the regular work. No member, however, of the Junior or Senior class may take more than seventeen hours of work if the general average for the preceding year was less than seventy-five per cent.

3. A course in which a student has failed and which he is to repeat shall take precedence over all other work.

GRADE REQUIRED FOR GRADUATION

No student will be graduated who has not attained a grade above D on at least half his hours of work, unless the entire course averages C or above, or two-thirds of the Junior and Senior work averages C or above. In the above D indicates 60 to 70% ; C, 70 to 80%. Higher grades are B, 80 to 90%, and A, above 90%.

COURSES OFFERED

Detailed Statement by Departments

AMERICAN LITERATURE

(See *English*)

ART, HISTORY OF

Professor Landis

Art A.—The development of architecture, and of painting is studied, the greater part of the course being devoted to the history of painting from the time of Giotto to the present. An effort is made to familiarize each student with reproductions of important works of art. *Two hours for the year, in alternate years; to be given 1922-23.*

ASTRONOMY

(See *Mathematics*)

BIBLE

Associate Professor Baumgartner

A.—*Introductory Course.* This course aims (1) to meet a few of the problems that confront the Bible student at the outset, (2) to acquaint the student with a brief history of the Hebrew people and of the early Christians, and (3) to introduce him to the study of the Bible itself in two of its books, Amos and Luke's Gospel, with a special view to the social teachings of these books. Required of Sophomores. *Four hours for a semester.*

B.—*Bible Survey.* A course designed to give the student a comprehensive view of the Bible's teachings about God, and about the religious life, individual and social. Such subjects as inspiration, revelation, and biblical interpretation are also considered. The study involves careful research in numerous books of the Old Testament and the New Testament, and is especially advised for those who desire an intimate acquaintance with the books themselves as well as with their teachings. Elective for Juniors and Seniors. *Two hours for the year.*

D.—*Advanced Study.* First semester: Major prophets—Isaiah and Jeremiah. Second semester: Johannine Writings—John's Gospel and Revelation. A careful exegetical study of these books is made, both for literary and for religious values. Elective for Juniors and Seniors. *Three hours for the year. Omitted in 1922-23.*

E.—Advanced Study. First semester: Liturgical and Wisdom Literature—Introduction to the Psalms and the Book of Proverbs, and an extended study of Job. Second semester: Pauline Epistles—a careful study of I. Corinthians and Romans, with numerous comparisons in other Pauline epistles. Elective for Juniors and Seniors. *Three hours for the year.*

BIOLOGY

Associate Professor Eddy

A.—Botany. Lecture Course. Lectures and recitations in Plant Morphology. *Three hours, first semester.*

Lectures and recitations in Plant Physiology. *Three hours, second semester.*

B.—Botany. Laboratory Course. One 2-hour period a week throughout the year in Plant Morphology and Plant Physiology, including also a limited amount of field work in Plant Ecology.

C.—Botany. Courses A and B combined. *Four hours for the year.*

D.*—Botany. Class-room and field work in systematic Botany, aiming to acquaint the student with the local flora. *Two hours, second semester.*

E.—Zoölogy. Lecture Course. Lectures and recitations in Animal Morphology and Physiology. *One hour for the year.*

F.—Zoölogy. Laboratory Course. *Two 2-hour periods a week in Animal Morphology throughout the year.*

G.—Zoölogy. Courses E and F combined. *Three hours for the year.*

H*.—Zoölogy. Genetics. Lectures and recitations. *Two hours, first semester.*

J.—Embryology. *Four hours counting as two, second semester.* Given in alternate years—not given in 1922-23.

L.—Zoölogy. Experimental Physiology. *Four hours counting as two, first semester.* Prerequisite Biology G. Given in alternate years—not given in 1922-23.

M.—Histology and Histological Technique. *Four hours counting as two for the year.* Given in alternate years—given in 1922-23.

* Offered only when sufficient number elect course.

BOTANY

(See Biology)

CHEMISTRY

Associate Professor Vuilleumier

A.—Lecture Course. An elective course in General Inorganic chemistry. The aim of this course is to cover the fundamental theoretical principles of the science in connection with the descriptive chemistry of the non-metallic elements. The material presented in the

text is supplemented by lecture experiments and explanations. Students are given practice in stoichiometrical and other types of chemical problems. *Three hours for the year.*

B.—Laboratory Course. The laboratory work of the first year consists of the performance by each student of a series of experiments illustrating the important general principles and facts of the science, the properties of the more important non-metallic elements, and the laws of chemical action. The details of manipulation of these experiments are given, but with a view to cultivating the powers of observation. The student is required to observe carefully and describe clearly the results of each experiment. *Two hours (counting as one) for the year.*

C.—Courses A and B combined.

D.—Lecture Course. An elective course devoted to the principles of theoretical and physical chemistry, such as the kineticmolecular hypothesis, theory of solution, atomic hypothesis, chemical equilibrium, theory of dissociation in solution, electrolysis, and the laws of mass action. This is followed by a study of the metallic elements based upon the periodic system. Prerequisite: Course A. *Two hours for the year.*

E.—Laboratory Course. Qualitative Analysis, to accompany Course D. The usual course of preliminary work and analysis of simple and complex substances is pursued. The ionic theory and laws of mass action are applied to this work. *Four hours (counting as two) for the year.*

F.—Courses D and E combined.

G.—Lecture Course. Organic Chemistry. An elective course devoted to the principal classes of organic compounds, aliphatic and aromatic, with emphasis upon class reaction and the structural theory. Prerequisite: courses A and B, and preferably D and E. *Two hours for the year.*

H.—Laboratory Course. A course in Organic Preparations to accompany lecture course G. Laboratory work in the preparation and purification of compounds selected from the aliphatic and aromatic series for the illustration of important synthetic reactions; verification of the constants of these compounds; methods of organic analysis. *Four hours (counting as two) for the year.*

I.—Courses G and H combined.

J, K, and L.—Laboratory Courses. Courses in Quantitative Analysis in its several branches. The work comprises a series of experiments which illustrate the fundamental principles of gravimetric and volumetric methods. The courses are flexible, and great latitude will

be allowed students manifesting interest and ability. Prerequisite: courses C and F.

J.—Four hours to count as two.

K.—Eight hours to count as four.

L.—Twelve hours to count as six.

M.—*Lecture Course. Quantitative Analysis. One hour, first semester.*

DEBATING

A.—The course in debating is planned to give those interested an opportunity to study the technique of oral argumentation and to practice the art of debate under supervision. The work will supplement the debating in the College Literary Societies. This course may be elected in two successive years for credit. In this case additional work will be required of advanced students. *Three hours, first semester.*

ECONOMICS

(*See Social Science*)

EDUCATION

(*See also Psychology and Philosophy*)

Associate Professor Carver

A.—*Methods of Teaching.* This course introduces the student to educational methods. Class-room procedure, therefore, is emphasized, not curriculum or organization. Text-book, Parker. Open only to Juniors and Seniors who plan to teach. *Three hours for one semester.*

B.—*Principles of Education.* A systematic analysis of the principles involved in a constructive theory of education, with particular reference to the high school. Text-book, Inglis. Open to Juniors and Seniors. *Three hours for one semester.*

C.—*History of Modern Education.* Education as a great social agency with a background of the general history of civilization, constitutes the point of view of this course. Special stress is laid upon the development of education in the United States. Text-book, Cubberley. *Three hours for one semester.*

J.—*Educational Measurements.* An introduction to the scientific method of measuring efficiency of instruction and administration in the school, with standard tests, scales, and methods of interpretation. Open to Juniors and Seniors. *Three hours for one semester.*

H.—*Public School Administration.* An historical background of the evolution of school organization, and a study of present-day theories, problems, plans, and practices. Text-book, Cubberley. Open to Juniors and Seniors. *Three hours for one semester.*

D.—*School Hygiene.* A study of the fundamentals underlying the physical and mental growth of children, together with conditions of

the school-room and school surroundings conducive to health. Open to Juniors and Seniors. *Three hours for one semester.*

I.—Vocational Education. An attempt is made in this course to evaluate this new and important chapter in social and educational evolution, and to define its major problems. Special stress is laid on vocational guidance of young people in their choice of life-work. Lectures, special reports, discussions, and text. Open to Juniors and Seniors. *Three hours for one semester.*

E.—Observation and Practice Teaching.

Note—Psychology II is prerequisite to all **Education** Courses.

ENGLISH

Professors McIntire and Sellers and Dean Meredith

In addition to the courses outlined below composition in the form of essays and orations is required at stated intervals throughout the last three years of the course of all students.

A.—Rhetoric and Composition, based upon "English Composition in Theory and Practice," by Canby and others. Required of all Freshmen. Professor Sellers and Dean Meredith. *Three hours for the year.*

B.—A course in modern English literature as an expression of the growth of national life and culture of the English people. Especial attention given to the causes of changing taste in the period covered. Illustrative readings in and outside the class-room constitute an important element of the work. Required of all Freshmen. *Two hours per week.* Dean Meredith and Associate Professor Carver.

I.—Smith's "What Can Literature Do for Me?" and Houston and Bonnell's "Types of Great Literature" constitute the basis for studies in the appreciation of books. Supplementary reading both in and outside the class-room. Elective for Sophomores. Professor McIntire. *Three hours for the year.*

C.—The Development of the English Language.

I. Old English: Smith's "Old English Grammar and Reader."

II. Middle English: Grammar. Chaucer, "The Prologue" and "The Knight's Tale."

III. Modern English: Its Growth and Present Use.

Elective for Juniors and Seniors. Professor Sellers. *Three hours for the year.*

D.—Literary Criticism. Winchester's "Principles of Literary Criticism" is used as a text-book and "Century Readings in English Literature," as supplementary reading and application. Elective for Juniors who have taken English I. Professor McIntire. *Two hours for the year.*

E.—American Literature. First semester: Studies in Poetry.

Second semester: Development of the Short Story. Elective for Juniors and Seniors. Professor Sellers. *Three hours for the year.*

F.—*English Drama*, consisting of lectures, reading, and reports. The readings are largely in the works of Shakespeare and his contemporaries. Elective with the permission of the instructor to a limited number of Seniors who have taken English D. Professor McIntire. *Two hours for the year.*

G.—*Victorian Poets*. Studies and readings in the poetry of Tennyson, Browning, and Arnold. Cambridge Edition. Elective for Seniors who have taken English D. Professor McIntire. *Two hours for the year.*

ETHICS

(See *Psychology and Philosophy*)

FRENCH

(See *Romance Languages*)

GEOLOGY

A.—*An introduction to the science of Geology*, both for students who are planning further scientific pursuits and also for the larger class who wish merely to obtain an outline of the methods and principal results of the subject. Open to Juniors and Seniors. Given in alternate years—not given in 1922-23. *Two hours for the year.*

GERMAN LANGUAGE AND LITERATURE

Professor Prettyman

A.—*Beginners' Course*. German Grammar. German Prose. Practice in writing German. The work in this course is conducted in German according to the Direct Method. *Three hours for the year.*

B.—A continuation of course A, and open only to students who have completed that course. The method is the same, the work being conducted in German. *Three hours for the year.*

C.—A continuation of B, and open only to students who have completed that course. *Three hours for the year.*

D.—*German Prose and Poetry*. Grammar and practice in writing German. Required of Freshmen who offer two years of German for admission to college. *Three hours for the year.*

E.—*History of German Literature*. German prose composition. This course is a continuation of Course D and is intended for those who have completed that course. *Three hours for the year.*

F.—*History of German Literature*. Lectures. Reading of representative works. Advanced Prose Composition. This course is open to students who have completed D and E and may be elected a second year, as the works read are not the same in successive year. *Three hours for the year.*

GREEK LANGUAGE AND LITERATURE

Professor Wing

The courses in Greek are of three kinds: First, introductory courses, A and G; second, courses in Classical Greek, B, C, D; third, courses in Greek Language and Civilization, K and H.

The work in Greek A and G is about equivalent to the work of three years' Greek in a good high school, but differs from the latter in the authors read and in the point of view. Although forming a good introduction to the more advanced courses in Greek, these two introductory courses are also planned to give a fair insight into the nature of the Greek language as it is used in modern languages and scientific studies, and to familiarize the student with the more characteristic phases of ancient Greek life and thought.

Courses B, C, D are of a more advanced character. The work done varies somewhat from year to year, but in the main is planned to cover rather systematically the chief authors of classical Greek literature, beginning with Attic prose writers and extending the study to take in those authors whom the interests of the students most need.

A.—*Beginners' Greek.* Emphasis will be laid on the acquisition of a vocabulary and of a knowledge of the fundamental principles of Greek grammar. The class will also read selections from Greek prose and try to get an idea of Greek private life. *Three hours for the year.*

G.—*Continuation of Greek A.* Grammar, Composition. Reading of prose works and of Homer. This course is planned to connect the work in Beginning Greek with that of courses B, E, and F, for which it is a prerequisite. *Three hours for the year.*

B.—*Attic Literature.* Xenophon, Plato, Lysias, Lyric Poets. The character and importance of Socrates will be the theme of the first semester's work; Greek oratory and Lyric poetry will be studied in the second semester. *Three hours for the year.*

C.—*Demosthenes,* first semester; *Sophocles,* second semester. The struggle of Demosthenes against Philip of Macedon will be dealt with in the light of the development of Greek imperialism; some attention will be paid to Greek prose composition. The second semester will be devoted to Greek tragedy. Either semester may be taken separately. *Three hours for the year.*

D.—*Advanced Greek Literature.* In 1922-23 the work of the course will be, during the first semester, Pindar and Hesiod; and during the second semester, Hellenistic Civilization, with readings in both English and Greek from authors of the period from Alexander to Marcus Aurelius. Either semester may be taken separately. *Three hours for the year.*

E.—*New Testament Greek: Gospels and Revelation.* *Two hours for the year.*

F.—*New Testament Greek: Acts and Epistles.* Similar to Course E, Alternating with it. Taken up only in odd-numbered years. *Two hours for the year.*

H.—*Greek Civilization.* This course is intended to give an introduction to the Greek ideals and character through the study of their life and of the products of their civilization. It is planned especially to meet the needs of those who have no knowledge of the Greek language, but may be taken by students who have not taken a course in Greek more advanced than Greek B. Open to Juniors and Seniors. *Three hours, second semester.*

K.—*Greek in English.* A semester course on the influence the Greek language has had on the English. This may be taken by students who have had no knowledge of Greek, but wish to obtain an insight into the etymology of English words. Students who have had Greek may elect this, but will be required to do some further work of an advanced character. *Three hours, first semester.*

HISTORY

Professors Prince and Wing

A.—*General European History.* An introductory course on the history of Europe. First semester, Ancient History to 395 A.D.; *second semester*, Mediaeval and Modern History, 395 A.D. to 1715 A.D. Less attention is given to the political and military history than to the economic, social, artistic, and intellectual phases of civilized life. The course aims to give some acquaintance with proper methods of historical study as well as with the facts of history. Required of Freshmen, except candidates for Sc.B. Professor Wing. *Three hours for the year.*

C.—*Civilization in Europe.* A philosophic study of the history of Western Europe from the Fall of the Roman Empire to the close of the French Revolution. Open to Juniors and Seniors. Professor Prince. *Two hours for the year.*

E.—*Europe from the Congress of Vienna.* The theme of this course is the struggle between monarchy and democracy as the central fact in the political history of Europe in the Nineteenth Century. Open to Juniors and Seniors. Professor Prince. *Four hours, second semester.*

G.—*Nations of the South and East.* Study of the development of the principal Latin-American countries and Japan, especially in its bearings on the United States. Open to Juniors and Seniors. Professor Prince. *Three hours, first semester.*

I.—*History of England.* From the Hundred Years' War to the close of the Napoleonic struggle. Open to Juniors and Seniors. Professor Prince. *Four hours, first semester.*

J.—American History. From 1750 to the election of Andrew Jackson. Open to Juniors and Seniors. Professor Prince. *Three hours, first semester.*

K.—American History. From 1829 to the close of Reconstruction. Open to Juniors and Seniors. Professor Prince. *Three hours, second semester.*

L.—American History. The post Civil War period, from the election of Hayes to the outbreak of the World War. Open to Juniors and Seniors. Professor Prince. *Three hours, second semester.*

ITALIAN

(See Romance Languages)

LATIN LANGUAGE AND LITERATURE

Professor Filler

A.—Freshman. Selections from Sallust, Livy, Cicero.

Latin Grammar is carefully reviewed and emphasis laid upon the mastery of the art of translation. Much time is given to translation in the class-room, and to the writing of Latin Prose.

The course is largely devoted to drill-work, and aims to prepare the student for the intelligent and sympathetic reading of Latin literature in subsequent courses. Open to Freshmen. *Three hours for the year.*

B.—Sophomore. An outline study of the History of Latin Literature with illustrative readings.

In the first semester Classical Mythology is rapidly reviewed, with particular reference to its use in literature and art.

In the second semester the Manners and Customs of the Romans are considered. Open to Sophomores. *Three hours for the year.*

For those who have completed A and B two or more of the following courses will be given each year, according to the needs and desires of those electing advanced work.

In courses C and E attention is given to the needs of those planning to teach.

C.—Vergil, Works, Life, and Literary Influence, with readings from the Georgics and Æneid, VII-XII. *Three hours, first semester.*

D.—Horace, Satires and Epistles. *Three hours, second semester.*

E.—Cicero, Letters and Orations, with particular reference to his political career and the public life of the times. *Three hours, first semester.*

F.—Lyric Poetry, particularly the poems of Catullus. *Three hours, second semester.*

G.—Tacitus and the other prose writers of the Silver Age. History and description of the Roman Government. *Three hours for the year.*

H.—Selections from the Elegiac Writers of the Augustan Age and the chief poets of the Silver Age. More extended study of the History of Latin Literature. *Three hours for the year.*

LAW

Dean Trickett

A.—*Criminal Law*, first two terms; *Bailments*, the third term. Open to Juniors. *Three hours per week.*

B.—*Real Property*. *Three hours for the year.*

C.—*Contracts*. *Two hours for the year.*

D.—Courses B and C combined. Open to Seniors. *Five hours for the year.*

E.—*Torts*, first two terms; *Domestic Relations*, the third term, *Three hours per week.*

MATHEMATICS

Professor Landis, Associate Professor Rosenberger and Mr. Thomas

A.—*Algebra*, including Theory of Equations, Determinants, the Binomial Theorem, Choice, Logarithms, Interest and Annuities, etc. (Wentworth). Plane Trigonometry (Crackett) or Spherical Trigonometry (Granville). *Three hours for the year.*

B.—*Analytic Geometry*. The conics and a discussion of the general equation of the second degree (Wentworth). *Calculus*. Differentiation, integration, maxima and minima curve tracing, areas, lengths, volumes, centers of mass, etc. (Osborne.) *Three hours for the year.*

C.—*Calculus*. Partial derivatives, curve tracing, evolutes, envelopes. Taylor's Theorem, special methods of integration, etc. (Hurlburt). *Three hours, first semester.*

D.—*Differential Equations* (Murray). *Three hours, second semester.*

E.—*Analytic Geometry of Three Dimensions*. The quadric surfaces and their more important properties, the general equation of the second degree, surfaces in general, and curves in space (C. Smith). *Three hours, first semester.*

F.—*Projective Geometry* (Cremona). *Three hours, second semester.*

G.—*Mathematics of Life Insurance*. Computation of annuities, net premiums, loading, etc. (Moir.) *Three hours, one semester.*

H.—*Spherical Astronomy*. Problems in latitude, longitude, time, etc. (Chauvenet and the American Ephemeris.) *Three hours, one semester.*

I.—*History and Teaching of Mathematics*. A reading course in the works of Cantor, Ball, Cajori, Zeuthen, Klein, Smith, Young, Schultze, etc. *Three hours, one semester.*

Courses in the Theory of Numbers, Theory of Functions, Calculus of Probabilities, and other subjects have been given and will be given whenever it seems desirable. Courses A and B are given each year. Of the remaining courses two are given each year, so that every student may complete at least four of them, and the student who presents course A for entrance may pursue six of them.

K.—*Astronomy*. An Introduction to Astronomy (Moulton). Given in alternate years—not given in 1922-23. *Two hours for the year.*

PHILOSOPHY

(See Psychology and Philosophy)

PHYSICAL TRAINING

Professor Craver and Mr. MacAndrews

The work in Physical Training is planned as a two year course. Two periods of work weekly are required of all male students of the college during the first two years of residence.

So far as is possible, the work is adapted to the individual. Physical defects are noted and corrective exercises suggested.

In general the courses are organized along these lines:

- I. Outdoor work—walking, running, jumping, etc.,—non-competitive.
- II. Outdoor work—football, baseball, track, tennis,—competitive.
- III. Indoor work—calisthenics, non-competitive.
- IV. Indoor work—basketball, track, athletics, gymnasium team,—competitive.

PHYSICS

Professor Mohler

A.—*Mechanics, Sound, Heat, Light and Electricity.* Demonstration lectures or recitations. Text—Kimball's "College Physics." *Three hours for the year.*

B.—A laboratory course to accompany Physics A. Exact measurements in Mechanics, Sound, Light and Heat. *Two hours (counting as one) for the year.*

C.—Courses A and B combined.

D.—*Electricity and Photography.* Demonstration lectures or recitations. *Three hours for the year.*

E.—A laboratory course on Light, Electricity, and Photography. *Two hours (counting as one) for the year.*

F.—Courses D and E combined.

G.—An advanced course in electrical measurement. Text—Franklin, Crawford and McNutt. *Two hours (counting as one) for the year.*

H.—Text—Houston's "Treatise on Light." *Two hours (counting as one) for the year.*

J.—*Light.* Text—Houston's "Treatise on Light" *Two recitation periods for the year.*

PSYCHOLOGY AND PHILOSOPHY

Professor Norcross

E.—*Philosophy.* Text-book, "Student's History of Philosophy," Rogers. *Three hours for the year,* alternating with Ethics D. Open to Juniors and Seniors who have had the equivalent of Psychology II.

D.—Ethics. Text-book, “Problems of Conduct,” Drake. With lectures on the History of Ethics. *Three hours for the year*, alternating with Philosophy E. Open to Juniors and Seniors who have had the equivalent of Psychology H.

F.—Logic. *Three hours for one semester.* Special emphasis on the practical use of Logic. Not given in 1922-23.

H.—Brief Introduction to General Psychology. Required of all Sophomores. *Four hours for one semester.*

I.—Psychology of Adolescence. Detailed study of the characteristics of Adolescence, with emphasis on the genetic development of the individual and an interpretation of the special problems of youth in educational terms. Open to Juniors and Seniors who have had the equivalent of Psychology H. *Three hours for one semester.*

J.—Educational Psychology. A study of the process of learning and the economical use of the human mechanism therein involved, combining theory and practice with observation. Open to Juniors and Seniors who have had the equivalent of Psychology H. *Three hours for one semester.*

K.—Religious Psychology. *Three hours for one semester.*

L.—Applied Psychology. Lectures, text-book, and simple experiments illustrating the applications of Psychology to Business and Professional Work. Open to those who have had the equivalent of Psychology H. *Three hours for one semester.*

PUBLIC SPEAKING

A.—The purpose of this course is to give to the student a knowledge of the principles of good reading and speaking. Particular attention is paid to thoughtful and intelligible oral expression, though the technique of articulation, inflection, etc., are not neglected. Required of all Freshmen. *One hour for the year.*

RELIGIOUS EDUCATION AND RURAL LEADERSHIP

Rev. Charles E. Ely

A.—Religious Education. A study of the relation of culture and religion. The connection between intellectual efficiency and spiritual experience. The child's developing spiritual personality, primal instincts and distinct life periods, vital principles and plans in moral and religious training, and program for religious education in rural communities.

B.—*History of Religion.* A comparative study of the great religions of the world. World conditions preceding Christianity, with the survey of the history of the Christian church to our own time.

C.—*Rural Church Methods.* Study of various phases of life of town, village, and country. Community organization based on the discovered facts, with plans for an efficient rural civilization. Practical problems to be met before any constructive leadership is possible. The church and her place in this leadership.

D.—*Rural Clinic.* Analysis of rural conditions and activities, map-making, church census, economic conditions, budget, evangelism, program building, church equipment.

ROMANCE LANGUAGES AND LITERATURES

Associate Professors Bullock, de Vilaine and Shedd

FRENCH

A.—*Beginners' Course.* Thorough drill in the elements of French Grammar. Special attention to training in pronunciation, dictation, conversation, and composition. Elementary readings: Méras' *Le Premier Livre*, Lavissee's *Histoire de France*. Conducted partly in French. *Three hours for the year.*

B.—*Intermediate French.* Grammar. Conversation and composition based on texts read. Texts chosen from modern French literature. Conducted mainly in French. *Three hours for the year.*

C.—*Advanced French.* Study of French literature. Reading and discussion of representative works in class. Summaries of outside reading. Study of historical and philosophical background of literary productions. This course is varied from year to year to include different periods of French literature. *Three hours for the year.*

D.—*Advanced Composition and Conversation.* Lectures on French life, manners, and ideas. Conducted entirely in French. Part of the course is devoted to methods of teaching and practice in teaching French. French A, B, and C prerequisite for this course, but Courses C and D may be taken at the same time, and must be taken by those expecting recommendations to teach French. *Three hours for the year.*

E.—For Freshmen entering college with two or three years' preparation in High School. Course conducted in French. Thorough review of grammar. Reading of modern French prose. Prose based in part on text.

SPANISH

A.—Beginners' Course. Thorough drill in the elements of Spanish Grammar. Special attention to training in pronunciation, conversation, and composition. During the second semester several easy Spanish works are read. Conducted partly in Spanish. *Three hours for the year.*

B.—Grammar review, composition, conversation, commercial correspondence. Reading of modern Spanish texts. Survey of Spanish literature, methods of teaching. *Three hours for the year.*

ITALIAN

A.—Beginners' Course. In addition to grammatical studies a number of modern plays and stories are read and also some of the classics. A constant effort is made to accustom the student to the spoken language. *Three hours for the year.*

SOCIAL SCIENCE

Professor Patterson

The department affords a broad view of the field of knowledge, enabling the student to find a proper setting and perspective for his other studies, and at the same time find his own relation to the life of the world.

Phenomena of social life, economic, political, educational and religious, are observed in the evolution of institutions and in the rise and fall of nations, present conditions being kept constantly in view and American conditions being specifically analyzed so that the student may be qualified for intelligent, responsible citizenship in addition to receiving great cultural benefit from the investigations.

In the Sophomore year the evolution of social institutions, with emphasis upon the economic and political, is traced in such a way as to qualify the student for advanced study in social problems, principles and policies, and aid him in discerning the significance of social movements and social service agencies,—a survey of fields of social work affording suggestions in vocational guidance.

In the Junior and Senior years opportunity is afforded for the pursuit of more intensive courses in three important fields of social science. These courses acquaint the student in B with an analysis and evaluation of the forces involved in the wealth getting and wealth using activities in society (Economics); in C with the balancing, coördinating and directing of the various social forces to secure social progress (Sociology); in D with the control and direction of these forces through

means devised by politically organized units of society to social ends (Politics).

A.—*Elements of Social Science.* An understanding of the nature of society is afforded in a study of *the origin and development of* (1) social institutions, such as speech, writing, the arts and sciences, marriage and the family, religions, etc.; (2) the maintaining institutions (*Economic*), viz. the tools and processes of production, economic stages, and the correlated development of economic concepts; (3) the protecting, controlling institutions (*Political*), political activities and coördinated organization.

In the light of their historical development, essential to an understanding of great social movements and to an intelligent direction of social evolution, some simpler social problems are considered, and certain fields of social work are presented as opportunities for furthering social progress. Required of all Sophomores. *Three hours for the year.*

B.—*Principles and Problems of Economics.* During the first semester the theory of value, developed in relation to consumption and production, is applied to the problem of distribution in studying rent, interest, wages and profits.

During the second semester, money, credit and banking and the fundamental principles of exchange are studied with reference to the requirements of a good system, the relation of the government to the system, and the involved relation to public finance. *Two or three hours for the year, according to work done.*

C.—*Sociology.* An examination of the bases of groupings, coöperations and conflicts among men, and of the grounds, means and system of social control issuing in social order. Applications of social principles and policies are considered in relation to problems growing out of modern industrial organization and changes in the family, population, etc. *Three hours for the year.*

D.—*Politics.* A study of the State and government as the means by which society makes its will effective. By a comparative study of principles, organization, and problems in leading governments, emphasis being placed upon our own government (in which tendencies in Federal, State, and Local government are noted) the student is acquainted with tendencies to a new and larger democracy as well as with the actual working of present day democracy. *Two hours for the year.*

E.—*Social Economy. The economic waste involved in some phases of the treatment of the defective, dependent and delinquent elements in society is investigated, and saner, more humane methods are considered. First semester, Defectives and Dependents; second semester, Delinquents. *Two hours.*

*F.—*Sociology Applied to Practical Politics.* A study of devices for securing social welfare through clearly defined methods of political control, including a survey of social ideals embodied in our organic and statutory law, particularly as seen in recent labor and penological legislation. *Two hours for the year.*

*G.—*Urban and Rural Community Life.* A study of social conditions—the family, the birth rate, the home, education, political units, resources, leadership, etc.—in city and country, in the light of principles noted in the several fields of social science. *Two hours for the year.*

*H.—*Current Problems.* Social, Economic and Political. *One or two hours each semester according to work done.*

* Courses E, F, G, and H, dealing with the more complex social problems, involving the principles of the different fields of social science, are given according to the qualifications and desires of advanced students.

SPANISH

(*See Romance Languages*)

ZOOLOGY

(*See Biology*)

MATERIAL EQUIPMENT

The campus of eight acres was purchased of the Penns in 1799, and comprises a full square in the Borough of Carlisle. Upon and around it are grouped the principal of the following buildings:

West College, "Old West" (1804), Dormitories and Memorial Hall, memorial to Dickinsonians in the World War.

East College (1836), dormitories.

Metzger College (1881), the dormitory for women.

Tome Scientific Building (1884), Museum and departments of Chemistry and Physics.

Gymnasium (1884), large main room, running track, base ball cage, and bathing and dressing rooms.

Bosler Hall (1885), Chapel, Library and Reading Room.

Denny Hall (1896—Burned 1904—Rebuilt 1905), Biological Laboratories, recitation rooms, Literary Society Halls, and administrative offices.

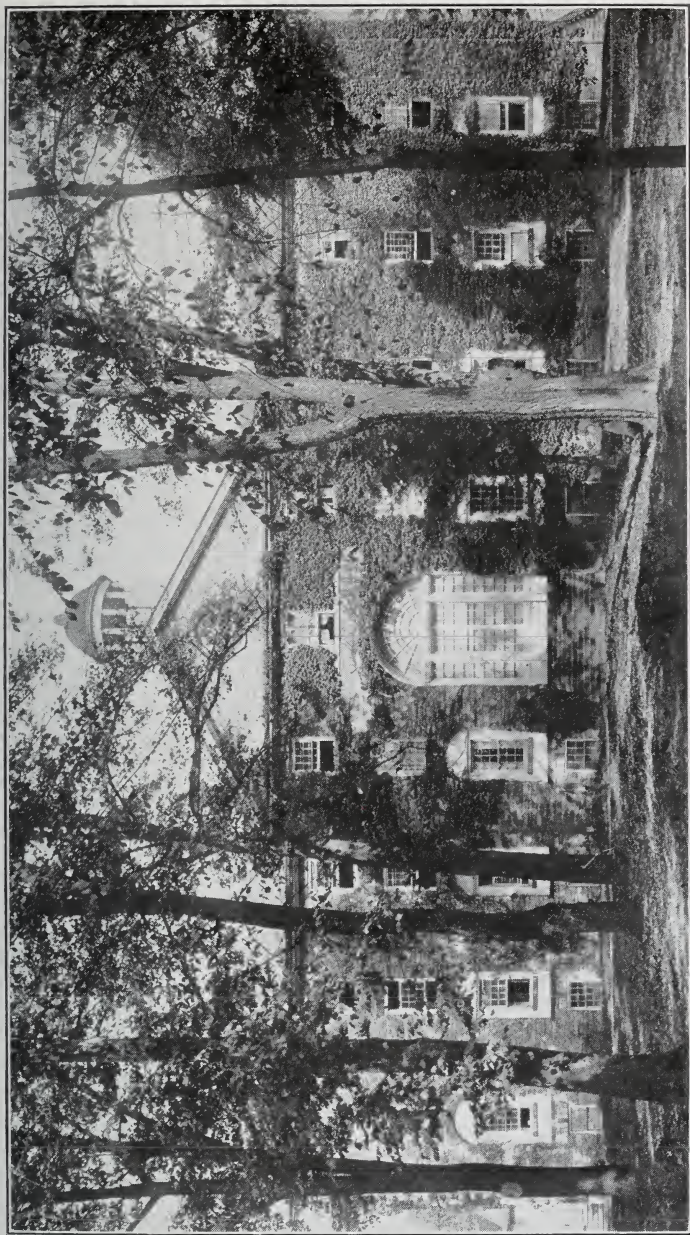
Athletic Field, of over six acres, memorial to Herman Bosler Biddle, the gift of his parents, Hon. and Mrs. Edward W. Biddle.

Nine fraternity houses are occupied by fraternity members.

LIBRARY AND READING ROOM

The Library consists of three collections, nearly equal in size—that of the College proper, rich in old volumes and in reference books, and those of the Belles Lettres and Union Philosophical Societies, accumulated by them during the century and a quarter of their existence.

Through the generosity of the late Hon. Alexander Patton, of Curwensville, who gave \$10,000 for the purpose of starting a Library Fund, together with the cordial coöperation of the Dickinson Library Guild, the College is able to make large additions, annually, to the Library.



“OLD WEST,” 1804

The Reading Room in the Library is furnished with the best of reading room appliances. Its files are supplied with representatives of the best secular and religious papers, and many of the best magazines and reviews are upon its tables.

PUBLIC WORSHIP

Students are required to attend week-day chapel services, and the regular Sunday morning preaching services of the churches they elect.

GOVERNMENT AND DISCIPLINE

The government and discipline of the College are vested exclusively in the faculty of the College, although the regulation of certain functions which have particular reference to the life of the student body is left by the faculty largely to the students themselves. The only definite rule is that students must meet the requirements of *good morals and good citizenship*.

Report of each student's attention to college duties is made from time to time to students, or to parents or guardians.

Student Honor System. The students of the College undertake to see that there are honest examinations without faculty supervision, and have organized their own court for the purpose of enforcing their regulations in coöperation with the faculty.

ATHLETIC OPPORTUNITIES

The College has a commodious gymnasium, for use in the inclement weather especially. When weather conditions perperitive sports and in the less strenuous exercises open to all. mit out door sports are encouraged. Two men are employed to care for the physical welfare of the student body, both of them experts in their particular work.

The Herman Bosler Biddle Athletic Field of the College is excelled by few anywhere. In fact, it is almost perfect for its purpose, and within easy reach of the College, a constant incentive for young people to engage both in the major competitive sports and in the less strenuous exercises open to all.

COLLEGE BILLS

(For all men and for young women day students.)

General Charge	\$160.00
Room rent (unfurnished room)	\$25.00 to 50.00
Laboratory—Botanical, Chemical, Physical or Zoölogical for the year, each	12.50
Athletic and Dickinsonian charge	10.00
Electric light for dormitory (one lamp)	3.50

Day students are not charged room rent.

Board.—Preparatory schools, of course, as a rule furnish board for their student body, but colleges do not usually do this for their male students. The above statement of expenses does not, therefore, cover the item of board for men, which will cost from \$5.00 to \$6.00 per week for the thirty-four weeks of the college year.

Furnishing.—The college dormitory rooms for men are unfurnished. It has been found more satisfactory for two men who are to room together to furnish their own room and be responsible for their own property than to use furniture belonging to the institution, about whose use there would doubtless be many misunderstandings. Students who desire to economize in this matter can usually purchase second-hand furniture at a moderate cost, and sell it to their successors, so that the net cost for furniture is really a trifle when spread over four years. Five dollars per year should cover it.

Incidentals.—There are few *necessary* incidental expenses connected with college life at Dickinson. Some men spend a good deal of money—more really than they ought to spend; the majority, however, are careful of their expenditure, so that economy in no sense marks a man here as singular or peculiar. Some of the men most careful of their expenditure are most highly honored in the College as shown by their choice as leaders in various activities.

Students presenting scholarships will be credited on general charges for their face value.

(For young women in Metzger College.)

Residents of Metzger College, the women's dormitory, are charged \$485 (subject to change), payable in two installments within ten days of the opening of each semester. This provides for everything, save personal laundry, books, one pair of blankets, sheets, pillow cases, towels, personal toilet articles, and laboratory charges as above. *The entire college bill is \$485.00, for most first year students*, to which are added laboratory charges in later years. Young women from a distance are expected to room in Metzger College. *No young woman will be registered for a room in Metzger College without becoming responsible for the charges for the semester for which she registers*; and prepayment of at least \$50 on the first semester's bill is required before room reservation will be assured.

PAYMENT OF BILLS, ETC.

Students must pay an entrance fee of ten dollars before registration for any year's work—to be credited later on the college bill.

College bills for each semester are presented at the opening of the semester, to be paid within ten days.

Two students from the same family and the children of ministers are allowed a discount of ten per cent.

For a period of continuous absence in excess of four weeks, a reduction of one-half the pro rata charge may be allowed, but only for such excess, provided also that the absence occurs through no fault of the student and is unavoidable. The rooms in the college are secured to the students during term time only. The occupants of rooms are responsible for damage to them. When students injuring property are unknown, the cost of repairs is assessed, toward the close of the college year, upon the whole body of students, as a special damage account. Any student proved to be guilty of wilful destruction of, or damage to, college property, may be required to pay not only the cost of replacement, or repair, but also a

fine as determined by the faculty, say ten times the cost of repair, said fine to be placed to the credit side of the special damage account.

Failure to adjust college bills may result in exclusion from college, and no student can have honorable dismissal or certificate of advancement until bills have been adjusted.

GOWNS, HOODS, AND CAPS.

The College has adopted the regulations for academic caps and gowns suggested by the Intercollegiate Commission of 1895.

1. Undergraduates may wear on all fitting occasions a black-stuff gown of the Oxford shape, but with no hood.

2. Bachelors of Dickinson College may wear on all fitting occasions a black-stuff gown of the Oxford shape, with hood lined with red silk, crossed by a chevron of white, six inches in breadth.

3. Masters of Dickinson College may wear on all fitting occasions a black silk gown of the Oxford shape, with hood as for Bachelors.

4. Doctors of Dickinson College may wear on all fitting occasions a black silk gown of the Oxford shape, with hood as for Bachelors, trimmed around the exterior edge with a cord or with a band, not more than four inches wide, of silk, satin, or velvet, distinctive of the department to which the degree pertains, as follows: Doctor of Literature, white; Doctor of Divinity, scarlet; Doctor of Laws, purple; Doctor of Philosophy, blue; Doctor of Science, gold-yellow.

With the gown will be worn the Oxford cap, of serge for undergraduates and of broadcloth for graduates, with black tassels, except the cap of the doctor's degree, which may be of velvet with tassels in whole or part of gold thread.

5. Members of the Board of Trustees shall be entitled, during their term of office, to wear the gown and cap of the doctor's degree, with the hood appropriate to the degree that

they severally have received. Members of the Board of Trustees, or of the faculty, who have received degrees from other universities or colleges, shall be entitled to wear the costume appropriate to the same degree from Dickinson College, so long as they shall retain their official connection with the college. The President of the College may adopt such distinctive costume or badge as he shall choose, not inconsistent with the foregoing regulations.

COLLEGE ORGANIZATIONS

LITERARY SOCIETIES

The Belles Lettres and the Union Philosophical Societies, purely literary in their character, nearly coeval with the College, have been maintained in continuous operation throughout most of its history. There are two similar societies for young women, the Harman Society, founded 1896, and the McIntire Society, founded 1921. Not the least of the advantages of college residence is the special training secured in these societies. For many years the work and worth of these societies have been recognized in the following regulations:

1. No student shall enter any public literary or oratorical contest in connection with the College who shall not have been a member of one of the literary societies for at least three-fourths of the time of his or her connection with the College.

2. No student shall have any public part in the exercises of Commencement Day who shall not have been a member of one of the literary societies for at least one-half of the time of his or her connection with the College.

3. No student shall be graduated from the College who shall not have made satisfactory adjustment of financial obligations to the literary society of which he or she has been a member.

BELLES LETTRES SOCIETY

COLBERT N. KUOKAWA, '22	.....	<i>President</i>
BYRON C. BRUNSTETTER, '22	.....	<i>Vice-President</i>
HARRY WITCHEY, '23	.....	<i>Recording Secretary</i>
CHARLES A. SMITH, '23	.....	<i>Treasurer</i>

UNION PHILOSOPHICAL SOCIETY.

HERBERT W. WILKS, LAW, '22	.....	<i>President</i>
ROWLAND R. LEHMAN, '23	.....	<i>Vice-President</i>
GUY E. WALTMAN, '23	.....	<i>Recording Secretary</i>
HAROLD W. KELLER, '23	.....	<i>Treasurer</i>

HARMAN SOCIETY

MARY E. NOAKER, '22	<i>President</i>
OELLA I. LIGGETT, '23	<i>Vice-President</i>
MARION C. KEEN, '24	<i>Secretary</i>
LULU J. TOBIAS, '24	<i>Treasurer</i>

McINTIRE SOCIETY

MARY C. GARLAND, '23	<i>President</i>
M. ELIZABETH NOLTE, '23	<i>Vice-President</i>
OLIVETTE YEINGST, '23	<i>Secretary</i>
ANNA HOKE, '23	<i>Treasurer</i>

CHRISTIAN ASSOCIATIONS

These Associations in the College are well organized, and do a most useful work. A large number of the students are actively connected with them and are zealous to forward their work.

YOUNG MEN'S CHRISTIAN ASSOCIATION

LAWRENCE E. WARREN, '22	<i>President</i>
ALEXANDER K. SMITH, '23	<i>Vice-President</i>
W. HAROLD SLOAN, '25	<i>Recording Secretary</i>
HARRY L. STEARNS, '22	<i>Treasurer</i>

YOUNG WOMEN'S CHRISTIAN ASSOCIATION

KATHERINE N. PATTERSON, '22	<i>President</i>
ELIZABETH J. BUCKE, '23	<i>Vice-President</i>
PHEBE L. SHARP, '22	<i>Secretary</i>
RUTH W. READ, '24	<i>Treasurer</i>

PHI BETA KAPPA SOCIETY

In September, 1886, the Alpha Chapter of the Phi Beta Kappa Society, the first in the State of Pennsylvania, was organized. Only students finally passed for graduation are eligible to membership, and of these only those of high class standing or giving promise of unusual achievement. Graduates of former years, not below the first fourth of their classes, and men of eminence in professional life, are also eligible to membership.

EDGAR R. HECKMAN, '97	<i>President</i>
MERVIN G. FILLER, '93	<i>Vice-President</i>
CLARENCE J. CARVER, '09	<i>Secretary</i>
WILLIAM W. LANDIS, '91	<i>Treasurer</i>

THE DICKINSON LIBRARY GUILD

The Dickinson Library Guild, composed of alumni and friends of Dickinson College, was organized in 1903 for the purpose of creating a permanent endowment for the College Library. Membership in the Guild consists of those who make an annual contribution to the endowment fund of the library. Members are grouped in five classes, or groups, as follows:

- Class A, all who contribute ten or more dollars per year.
- Class B, all who contribute from five to ten dollars per year.
- Class C, all who contribute three dollars per year.
- Class D, all who contribute two dollars per year.
- Class E, all who contribute one dollar per year.

In accordance with the action of the Board of Trustees of the College, all moneys contributed shall become a part of the permanent endowment fund of the library, the proceeds of which shall be devoted to the sole purpose of purchasing books, by the Faculty Committee on Library. The current expenses of the organization shall be otherwise provided for.

Directors

BRADFORD O. MCINTIRE.....	<i>President</i>
MERVIN G. FILLER, '93.....	<i>Secretary-Treasurer</i>
JOHN M. RHEY, Esq., '83;	ROBERT H. CONLYN, '72.
F. CLARK SKELLY, '22	

STUDENT ASSEMBLY AND SENATE

For some years the students in their organized capacity have exercised limited government over some of their own internal interests. This student government has applied especially to relations of one class with another, but has also influenced the life of the entire student-body.

The student organization is called the Student Assembly, and the elected governing body is called the Senate.

Senate

REUBEN L. SHARP, '22	.....	<i>President</i>
JOHN M. KLEPSE, '22	.....	<i>Vice-President</i>
HARRY D. KRUSE, '22	.....	<i>Secretary</i>
J. EDWARD BACON, '23	.....	<i>Treasurer</i>
ALBERT L. BANER, '23; JAMES L. BEIGHLE, '23; ALBERT BERKEY, '22; WILLIAM L. BOWER, '22; ASHBROOK H. CHURCH, '23; STANLEY J. FOLMSBEE, '22; JOHN W. GRANDE, '22; CLIFTON C. HARTMAN, '22; WEBSTER C. HERZOG, '23; ARTHUR L. KINKEAD, '23; HOWARD H. MCCLURE, '23; CLARENCE W. MERKEL, '22; WILBUR H. MILLER, '22; J. MILES PHEASANT, '23; JOHN L. PIPA, '22; RAPHAEL E. RUPP, '22; J. ESTOL SIMMONS, '23; FRANK G. SMITH, '23; CARLETON B. SPOTTS, '22; MORRIS E. SWARTZ, JR., '23; GUY E. WALTMAN, '23; DE WITT D. WISE, '22; ARTHUR G. LOGAN, President of the Sophomore Class; DOUGLASS SMITH, President of the Freshman Class.		

COLLEGE ATHLETIC ASSOCIATION

CHARLES C. COLLINS, Law '23	.....	<i>President</i>
HARRY B. MULLON, '23	.....	<i>Vice-President</i>
CORNELIUS M. DAILEY, '25	.....	<i>Secretary</i>
EDWARD BACON, '23	.....	<i>Treasurer</i>
CLAYTON HOFFMAN, Law '23	.....	<i>Football Manager</i>
ALBERT BERKEY, '22	.....	<i>Baseball Manager</i>
HAROLD S. IRWIN, '23	.....	<i>Basketball Manager</i>
CHARLES A. SMITH, '23	.....	<i>Track Manager</i>

Advisory Committee: PROFESSOR C. WILLIAM PRETTYMAN, Chairman, Carlisle; PROFESSOR WILBUR H. NORCROSS, Carlisle; PROFESSOR FOREST E. CRAVER, Carlisle; PROFESSOR WALTER HITCHLER, Carlisle; PROFESSOR JOSEPH P. MCKEEHAN, Carlisle; JUDGE E. M. BIDDLE, JR., Carlisle; EDWARD M. BIDDLE, Esq., Philadelphia; WILLIAM D. BOYER, Esq., Scranton; W. C. CLARKE, Carlisle.

PRIZES, SCHOLARSHIPS AND BENEFICIARY FUNDS

PRIZES

Rhodes Scholarships.—Students of the College are eligible to the scholarships established by the will of the late Cecil Rhodes granting the privilege of three years' residence in study at the University of Oxford, England. Three graduates of Dickinson College have already won this distinction. Announcement is regularly made to the students of the time and conditions of the examinations.

Belles Lettres Society Prizes.—As an incentive to improvement in composition and declamation at an early stage in the college course, the literary societies have each instituted a yearly contest therein for their respective members from the Sophomore class. All the members of this class in the Belles Lettres Society have the option of competing.

Awarded, 1921, First Prize, Gold Medal, to E. Cranston Riggin, Crisfield, Md.; Second Prize, Silver Medal, to George L. Brophy, Heckscherville.

The Cannon Prize of twenty-five dollars, the gift of Henry P. Cannon, '70, Bridgeville, Del., is awarded to that member of the Sophomore class who shall pass the most satisfactory examination in the Mathematics of the Sophomore year, together with the original Geometry of the Freshman year.

Divided, 1921, between Guy Rolland, Orwigsburg, and Guy E. Waltman, Orwigsburg.

The Achsah Catlett Prize of twenty-five dollars per year, the gift of Mrs. Achsah Catlett, of Berkeley Springs, W. Va., is awarded for the best work done in the course on Rural Church Methods.

Divided, 1921, between John G. Davis, Harrisburg, and Ralph R. Miller, Carlisle.

The Chi Omega Fraternity Prize of twenty-five dollars, the gift of the Dickinson chapter, is awarded to the young woman student who excels in Sophomore Economics.

Divided, 1921, between Zora E. Goodman, Galetton, and Ruth Edna Jones, Wilmington, Del.

The Clemens Prize of twenty-five dollars, the gift of the Rev. Joseph Clemens, '94, Chaplain, United States Army, is awarded annually to the student of the Junior class, proposing the work of the ministry, who writes the best essay, or sermon, upon some subject bearing upon the work of foreign missions, the essay or sermon not to exceed fifteen hundred words, and to be presented to the President of the College not later than May 1 of each year. A copy of the winning essay or sermon, in typewritten form, shall be forwarded to the donor of the prize.

Awarded, 1921, to Colbert N. Kurokawa, Hawaii.

The Charles Mortimer Giffin Prize in English Bible.—This prize, established in memory of the Rev. Charles Mortimer Giffin, D.D., is based upon a fund contributed by his wife, and permanently invested, the income of which shall be used as an award to that member of the Senior Class in English Bible who shall write an essay, on a biblical subject, adjudged to be the best for comprehensiveness of survey, independence of judgment, and excellence of style. A typewritten copy of the prize-winning essay shall be furnished to the donor.

Awarded, 1921, to Edward G. Latch, Baltimore, Md.

The McDaniel Prizes.—Delaplaine McDaniel, Esq., late of Philadelphia, provided for the founding of certain scholarships, to be awarded on the ground of excellence in scholarship. The sum of FIVE THOUSAND DOLLARS was given the College in trust, with provision that three prizes, equal in amount, be constituted from the annual income, and offered yearly to be competed for by the members of the Freshman and Sophomore classes, and with provision, further, that two of these

prizes be awarded, one each, to the two members of the former class, and the remaining prize to the member of the latter class who, in such way as the authorities of the college prescribe, attain the highest average of excellence in the work of these classes respectively.

Freshman class—First prize, 1921, to Isadore B. Lyon, Hagerstown, Md. Second prize, 1921, divided between Geraldine W. Bair, Lemoyne, and Virginia Watts, Harrisburg.

Sophomore class—Awarded, 1921, to Evelyn Wardle, Scranton.

The Miller Prize of twenty-five dollars, the gift of Charles O. Miller, Esq., of Stamford, Conn., is awarded to that member of the Freshman class who shall excel in forensic declamation.

Awarded, 1921, to Fred V. Holmes, Bloomsburg.

The John Patton Memorial Prizes, four in number, of twenty-five dollars each, one for each of the college classes, offered by the late Hon. A. E. Patton, of Curwensville, as a memorial to his father, Gen. John Patton, for many years a faithful friend and trustee of the College, are awarded according to conditions established for the Patton Scholarship Prizes maintained for many years by his honored father.

Senior class—Awarded, 1921, to Toshihiko Hamada, Japan.

Junior class—Awarded, 1921, to Harry D. Kruse, Vineland, N. J.

Sophomore class—Divided, 1921, between Margaret Eslinger, Berwick, and Anna Hoke, Shippensburg.

Freshman class—Divided, 1921, between William T. Keller, Marysville, and Ammon L. Miller, Shamokin.

The Pierson Prizes for oratory, established by Daniel Pierson, Esq., of Newark, N. J., gold and silver medals, are offered each year to be competed for by members of the Junior class in a public oratorical contest, which contest has for years been placed among the exercises of Commencement week.

Gold Medal—1921, Harry L. Stearns, Camp Hill. Silver Medal—Colbert N. Kurokawa, Hawaii.

The Rees Prize of twenty-five dollars, the gift of the Rev. Milton S. Rees, D.D., Rochester, N. Y., is awarded to that student who shall excel in English Bible.

Awarded, 1921, to Niles M. Poff, Wenonah, N. J.

The James Fowler Rusling Scholarship Prize of fifty dollars, the gift of Gen. James Fowler Rusling, LL.D., '54, Trenton, N. J., is awarded to that member of the Senior class who, at the end of a four years' course, shall be found to excel in scholarship and character, as determined by the faculty.

Divided, 1921, between Herbert L. Davis, Cedarville, N.J., and Phillips B. Scott, Avoca.

The Smith Prize of thirty dollars, the gift of Robert Hays Smith, '98, of San Francisco, Cal., is awarded to that one of the literary societies of the College whose members shall excel in debate.

Awarded, 1921, to Belles Lettres Literary Society.

Union Philosophical Society Prizes.—As an incentive to improvement in composition and declamation at an early stage in the college course, the literary societies have each instituted a yearly contest therein for their respective members from the Sophomore class. All the members of this class in the Union Philosophical Society may compete.

Awarded, 1921, First Prize to Victor T. Nearhoof, Warrior's Mark; Second Prize to Webster C. Herzog, Bechtelsville.

The Wagg Prize, a gold medal, the gift of A. H. Wagg, '09, of New York, will be awarded to that member of the class in American History who shall present the best competitive essay on an assigned subject pertaining to the life and public services of some distinguished American closely related to Dickinson College as founder, trustee, executive, professor, or alumnus.

Awarded, 1921, to John A. Kinneman, Abbottsville.

The Walkley Prize of fifteen dollars, the gift of W. R. Walkley, D.C.L., in memory of his only son, Winfield Davidson Walkley, who died March 11, 1903, is awarded as a second

prize to that member of the Freshman class who shall excel in declamation, either forensic or dramatic.

Awarded, 1921, to Paul R. Hess, Chambersburg.

BENEFICIARY FUNDS AND SCHOLARSHIPS

A number of funds and scholarships have been established in various ways by friends of education in general and of the College in particular, and are awarded largely by the donors or by the President to such students as may be in need of financial help. It is doubtful whether the same amount of money expended in any other way would accomplish a greater service in the cause of education than these small sums used to supplement the insufficient means at the command of worthy young people seeking an education. It is hoped that their number may be largely increased by men and women concerned to do good with their means.

The Alumni Loan Fund of fifty dollars, contributed by an alumnus, to be loaned from year to year to students in need of temporary help, to be repaid within a year and again loaned.

Baldwin Memorial Church Scholarship, fifty dollars, proceeds of a contribution of \$1000 made by the Baldwin Memorial Methodist Episcopal Church of Millersville, Md., in 1866, is awarded to such worthy student as may need financial help and as may be named by the said Baldwin Memorial Episcopal Church. In case no such candidate is thus named, the President of the College may name the beneficiary of the scholarship for any given year.

The M. Grace Bechtel Memorial.—The interest on a ONE THOUSAND DOLLAR ENDOWMENT to be paid annually to that student of Dickinson College who is preparing for entrance into the Christian ministry of the Central Pennsylvania Conference of the Methodist Episcopal Church; or, if there be none such, to that student who is preparing for missionary work under the Board of Foreign Missions of the Methodist Episcopal Church.

The Bodine Scholarship of fifty dollars, established by George I. Bodine, Jr., Esq., of Philadelphia.

The Arthur Milby Burton Scholarship of fifty dollars, established by Miss Mary R. Burton, for the education of worthy young men for the ministry, preference being given to applicants residing within the limits of the Philadelphia Conference.

The Chandler Scholarship of twenty-five dollars, the gift of D. Harry Chandler, of Vineland, N. J.

The Nathan Dodson Cortright Memorial Scholarship of fifty dollars, established by Mrs. Emma L. Keen, of Philadelphia, as a memorial to her father, Nathan Dodson Cortright, is awarded annually to young men preparing for the ministry.

The William K. Dare Scholarship, in memory of William K. Dare, class of '83, Professor of Education and Psychology, 1893--99. The scholarship is to be given in the discretion of the President to some young man who has completed his sophomore year, of good mind, good character and studious habits, and to whom financial aid would be of real assistance in the continuance of his college course. The scholarship is one hundred dollars, and is the gift of Lemuel T. Appold, Esq., Baltimore, Md., the life-long friend of Professor Dare.

The Smith Ely Scholarship, endowed by the Hon. Smith Ely, of New York City, in the sum of eleven hundred dollars, students from New York City and vicinity having prior claim.

The Freeman Scholarship of fifty dollars, established by Frank A. Freeman, Esq., of Philadelphia.

The John Gillespie Memorial Scholarship, interest on one thousand dollars, the gift of Miss Kate S. Gillespie, daughter of John Gillespie, Esq., late of Philadelphia, as a memorial to her father.

The Horn Scholarship.—The income from \$1000, contributed by J. Edward Horn, of Philipsburg, Pa., to be awarded to some worthy student of the College preparing for useful service.

The Bruce Hughes Scholarship—Interest on \$950.

The Lockyer Scholarship of fifty dollars, established by Mark B. Lockyer, Esq., of Philadelphia.

The Stephen Martindale Morgan Scholarship, of twenty-five dollars, established by Mrs. Minnie Speer Morgan as a memorial to her late husband, for the education of worthy young men preparing for the ministry, preference being given to applicants residing within the limits of the Wilmington Conference.

The Theodore F. Miller Scholarship of fifty dollars, the gift of Theodore F. Miller, Esq., of Philadelphia.

The Valeria Schall Scholarship of twenty-five dollars is used in assisting such young men as, in the estimation of the President and faculty of the college, are of good character, scholarly habits, and deserving of assistance, and who are approved candidates for the Christian ministry.

The Charles T. Schoen Scholarships, ten in number, of fifty dollars each, established by the late Charles T. Schoen, of Philadelphia, are awarded annually to such young men and women as may be designated by the President.

The Arnold Bishop and Mary Agnes Shaw Scholarship, the annual income from twelve hundred fifty dollars (\$1250), the contribution of their children, Miss Clara W. Shaw, Mrs. Bertha Shaw Nevling, Mrs. Jeanne Shaw Bailey, Calvin Bishop Shaw, Charles M. Shaw, each contributing two hundred fifty dollars (\$250). The donors may designate annually some worthy young person in the College in need of financial help. If no such designation is made by the donors, the President of the College may designate such person, preference to be given to applicants residing in the Central Pennsylvania Conference and to such worthy young men preparing for the ministry.

The A. Herr Smith Scholarship, endowed, averaging one hundred dollars a year, is the gift of the late Miss Eliza E. Smith, of Lancaster, in memory of her brother, the late Hon. A. Herr Smith.

The Captain John Zug Steese Scholarship, the interest on a one thousand dollar endowment, the gift of his mother, Mrs. Anna Zug Schaeffer Steese, of Mt. Holly Springs, Pa., who has sent four sons to Dickinson, all of whom later served their country with distinction as commissioned officers of the army during the World War, to be awarded annually by the President of the College to some young man who has completed his sophomore year in the upper third of his class excelling especially in mathematics; who has engaged successfully in athletics, music, dramatics, or other extra-curriculum activities; and to whom financial aid would be a real assistance in helping him to continue his college course. The recipient shall write a brief note of acknowledgment to the donor or to her estate outlining his previous education and experience.

The Cornelia Thumm Scholarship, the annual interest on nine hundred and fifty dollars, the legacy of the late Mrs. Cornelia A. Thumm, of Philadelphia, is used to aid such students as may be designated by the President.

The Ella Stickney Willey Scholarship of fifty dollars, established by Mrs. Ella Stickney Willey, of Pittsburgh, Pa., is awarded annually to such students as may be designated by the donor or by the President.

The Rev. William Wood Scholarship of fifty dollars, the gift of Miss Sarah Wood, of Trenton, N. J., is awarded annually to such students as may be designated by the donor or by the President.

BLANK FORMS FOR WILL BEQUESTS

I give and bequeath to the "Trustees of Dickinson College, in the County of Cumberland, in the Borough of Carlisle," incorporated under the laws of the State of Pennsylvania, the sum of.....dollars; and the receipt of the Treasurer thereof shall be sufficient discharge to my executors for the same.

In devises of real estate observe the following :

I give and devise to "The Trustees of Dickinson College, in the County of Cumberland, in the Borough of Carlisle," incorporated under the laws of the State of Pennsylvania, the following land and premises, that is to say..... to have and to hold the same, with the appurtenances, to the said Board, its successors and assigns, forever.

Persons making bequests and devises to the Board of Trustees or knowing that they have been made, are requested to notify the President of the College, Carlisle, Pa., and, if practicable, to enclose a copy of the clause in the will, that the wishes of the testators may be fully known and recorded.

Persons making bequests who may desire to have the bequests devoted to some particular purpose, such as general endowment, or the endowment of a chair, or for the endowment of a scholarship, should make specific mention of the same in the will provision.

REGISTER OF STUDENTS

C.—Classical Course, Degree A.B.

Ph.—Philosophical Course, Degree Ph.B.

Sc.—Scientific Course, Degree Sc.B.

When no other state is mentioned residence is in Pennsylvania.

SENIORS

Name	Course	Residence
Albright, Agnes M.....	Ph.....	New Cumberland
Allen, Harvey R.....	Ph.....	Hazleton
Berkey, Albert.....	C.....	Bolivar
Blackburn, Eleanor R.....	C.....	Bedford
Bower, William L.....	C.....	Allentown
Bratton, Elizabeth B.....	C.....	Carlisle
Brumbaugh, Ruth E.....	C.....	Altoona
Brunstetter, Byron C.....	C.....	Harrisburg
Brunstetter, Max R.....	C.....	Harrisburg
Burkholder, Mildred B.....	C.....	Harrisburg
Diller, Elizabeth A.....	C.....	Carlisle
Dotter, Ruth M.....	C.....	Carlisle
Everhart, Florence E.....	C.....	York
Fair, Beulah M.....	C.....	New Kingston
Flickinger, Edward H.....	Ph.....	Fannettsburg
Folmsbee, Stanley J.....	C.....	Bridgeville, Del.
Glassco, Herbert W.....	C.....	Osceola Mills
Grande, John W.....	C.....	Pocomoke City, Md.
Guyer, Gladys.....	Ph.....	Mechanicsburg
Hartman, Clifton C.....	C.....	Bloomsburg
Herb, Ruth E.....	Ph.....	Mt. Carmel
High, Laura E.....	C.....	Geigers Mills
Hoover, Cyril J.....	C.....	Hagerstown, Md.
Howard, Lulu M.....	C.....	Ridgewood, N. J.
Ivey, Frances H.....	C.....	Tamaqua
Kennedy, John B.....	Ph.....	Carlisle
Klepser, John M.....	Ph.....	Hollidaysburg
Kruse, Harry D.....	C.....	Vineland, N. J.
Kurokawa, Colbert N.....	C.....	Hawaii
Kurtz, Dorothy S.....	C.....	Altoona
Loban, Winfield H.....	Ph.....	Harrisburg

Name	Course	Residence
Merkel, Clarence W.....	Ph.....	Hamburg
Merwin, Harold S.....	C.....	Orange, N. J.
*Miller, Harvey M.....	Ph.....	Carlisle
Miller, Oscar H.....	C.....	New Freedom
Miller, Ralph R.....	C.....	Carlisle
Miller, Wilbur H.....	Ph.....	Mifflinville
Noaker, Mary E.....	C.....	Carlisle
O'Donnell, E. Madeline	C.....	New York City
Patterson, Katharine N.....	Ph.....	Williamsburg
Peters, John B.....	Ph.....	Gardners
Pipa, John L.....	Ph.....	Keiser
Place, Anna.....	Ph.....	Mehoopany
Place, Mary.....	Ph.....	Mehoopany
Poff, Niles M.....	C.....	Wenonah, N. J.
Ramey, W. Albert.....	Ph.....	Harrisburg
Rich, Fleming B.....	Ph.....	Woolrich
Rieck, Allan.....	Ph.....	Millville, N. J.
Robinson, Edith M.....	Ph.....	Terryville, Conn.
Rupp, Raphael E.....	Ph.....	Shiremanstown
Scott, Helen E.....	Ph.....	Pequabuck, Conn.
Sharp, Phebe L.....	C.....	Carlisle
Sharp, Reuben L.....	C.....	Carlisle
Shaw, A. Bishop.....	C.....	Clearfield
Sheafer, Charlotte C.....	C.....	Carlisle
Shellenberger, Esther H.....	C.....	Willow Street
Skelly, F. Clark.....	C.....	Shippensburg
Spangler, Lloyd E.....	Ph.....	Carlisle
Spotts, Carleton B.....	C.....	Blain
Stearns, Harry L.....	C.....	Camp Hill
Steen, James C.....	Ph.....	Milsboro, Del.
Strayer, Helen C.....	C.....	Harrisburg
Trine, Emelyn M.....	C.....	Mt. Holly Springs
Tustin, James F.....	Ph.....	Ocean Grove, N. J.
Waldman, Harry N.....	C.....	Wilkes-Barre
Warren, Lawrence E.....	C.....	Boiling Springs
Watts, Katherine E.....	C.....	Harrisburg
Weakley, Esther E.....	C.....	Boiling Springs
Wehrle, Helen M.....	Ph.....	Winthrop, Mass.
Weisensale, Helen M.....	Ph.....	Hanover
Wetzel, Mary K.....	Ph.....	Carlisle
Willoughby, Edwin E.....	C.....	Pitman, N. J.

* Graduated 1921—taking additional college work.

Name	Course	Residence
Wise, DeWitt D.....	C.....	Boiling Springs
Witter, Alice M.....	Ph.....	Carlisle
Zinn, Mildred R.....	C.....	Carlisle
Zoretskie, Marcella A.....	C.....	Mt. Carmel

JUNIORS

Armstrong, Elizabeth M.....	C.....	Carlisle
Babeock, Joseph D.....	Ph.....	Coscob, Conn.
Bacon, J. Edward.....	Ph.....	Glencoe, Md.
Baner, Albert L.....	C.....	Salem, N. J.
Barnes, B. Harry.....	C.....	Coatesville
*Bates, Charles E.....	C.....	Hazleton
Beighle, James L.....	Ph.....	New Wilmington
Booty, Ruth A.....	C.....	Bedford
Brackbill, J. Earle.....	Se.....	Spruce Hill
Bucke, Elizabeth J.....	Se.....	Sunbury
Branin, M. Lelyn.....	Se.....	Millville, N. J.
Burkholder, Henry L.....	Ph.....	Newville
Church, Ashbrook H.....	Se.....	Cape May, N. J.
Conklin, Helen.....	C.....	Bayonne, N. J.
Crist, Robert W.....	Ph.....	Harrisburg
Daugherty, John H., Jr.....	Ph.....	Williamsport
Demaree, Albert L.....	C.....	Bloomsburg
DeMaris, Elizabeth M.....	C.....	Asbury Park, N. J.
Epwright, Eleanor W.....	C.....	Altoona
Eshleman, Lloyd W.....	Ph.....	Shippensburg
Eslinger, M. Margaret.....	C.....	Berwick
Ewing, Ruth E.....	C.....	Spruce Hill
Fagan, Edward J.....	Ph.....	Chester
Fitzgerald, Mabel.....	C.....	Carlisle
Fitzgerald, May.....	C.....	Carlisle
Frankenberry, Mary E.....	Ph.....	Lewistown
Garland, Mary C.....	C.....	Harrisburg
Goodyear, Donald H.....	Ph.....	Carlisle
Hawn, Roger W.....	Ph.....	Erma, N. J.
Heller, Leighton J.....	C.....	Clementon, N. J.
Herzog, Webster C.....	C.....	Bechtelsville
Hilbish, Florence M.....	C.....	Espy
Hoke, Anna.....	C.....	Shippensburg
Hoover, Edith G.....	C.....	Carlisle
Irwin, Harold S.....	Ph.....	Doylestown

* Deceased, December 24, 1921

Name	Course	Residence
Johnson, Carl J.....	Ph.....	Lanse
Keller, Harold W.....	C.....	Philadelphia
Kimmel, Alta M.....	C.....	Carlisle
Kinthead, Arthur L.....	Sc.....	Clearfield
Knowles, Virgil M.....	Ph.....	Seaford, Del.
Leeds, Esther M.....	C.....	Harrisburg
Lehman, Rowland R.....	C.....	Newberry
Liggett, Oella I.....	C.....	Carlisle
Line, Dorothy C.....	C.....	Carlisle
McClure, Howard H.....	C.....	Shamokin
Maddrix, F. Kirk.....	C.....	Marcus Hook
Maurer, James M.....	C.....	Minersville
Mowry, William.....	Ph.....	Mann's Choice
Mullon, Harry B.....	C.....	Great Neck Station, N. Y.
Mutzabaugh, Regis T.....	Ph.....	Hollidaysburg
Myers, Elvin C.....	C.....	Carlisle
Nearhoof, Victor T.....	C.....	Warrior's Mark
Nolte, M. Elizabeth.....	C.....	Lewistown
Nutter, Eva P.....	C.....	Hillcrest, Del.
Pearson, Ward B.....	C.....	Jersey Shore
Peterman, Mary B.....	C.....	Royersford
Pheasant, J. Miles.....	C.....	Mapleton Depot
Probert, Gertrude.....	C.....	Hazleton
Reupsch, Della.....	C.....	Cape May, N. J.
Riggin, E. Cranston.....	C.....	Crisfield, Md.
Rolland, Guy.....	C.....	Orwigsburg
Sample, Donald D.....	Ph.....	Sharon
Scheirer, Harold K.....	Sc.....	Bound Brook, N. J.
Shaub, Helen E.....	C.....	Lancaster
Simmons, J. Estol.....	C.....	Johnstown
Smith, Alexander K.....	C.....	Philadelphia
Smith, Charles A.....	C.....	Hebron, Md.
Smith, Frank G.....	Ph.....	Brisbin
Stoner, Carl B.....	C.....	Harrisburg
Swartz, Morris E., Jr.....	C.....	Baltimore, Md.
Waltman, Guy E.....	C.....	Orwigsburg
Wardle, Evelyn.....	C.....	Scranton
Williammee, J. Tilden.....	Ph.....	Mt. Holly Springs
Wilver, S. Edith.....	C.....	Harrisburg
Witchey, Harry W.....	C.....	Osceola Mills
Wrightson, James O.....	C.....	Frederick, Md.
Yeingst, Olivette.....	Ph.....	Mt. Carmel
Yeingst, Violette.....	Ph.....	Mt. Carmel

SOPHOMORES

Name	Course	Residence
Aughanbaugh, John E.....	C.....	Antes Fort
Bair, Geraldine W.....	C.....	Lemoyne
Banks, Hugh M.....	Se.....	Mifflintown
Bardo, Henrietta G.....	C.....	Jersey Shore
Bare, Howard D.....	C.....	Philadelphia
Beachley, Jack H.....	Se.....	Hagerstown, Md.
Bender, Joseph S.....	Se.....	Lewistown
*Bixler, L. Kenneth.....	Se.....	Carlisle
Bortz, Ruth W.....	Ph.....	Allentown
Boyd, R. Wayne.....	Ph.....	Parkesburg
Bratton, John B., Jr.....	Ph.....	Carlisle
Browne, Cornelia G.....	C.....	Harrisburg
Buckson, Rose S.....	C.....	North East, Md.
Burkholder, Paul R.....	C.....	Chambersburg
Burn, Charles W.....	Ph.....	Bayonne, N. J.
Chambers, Mary E.....	C.....	Lansdowne
Cook, Walter S., Jr.....	Ph.....	Philadelphia
Cooper, Gladys.....	C.....	Clearfield
Crawford, S. Elizabeth.....	C.....	Mechanicsburg
Cunkle, Margaret L.....	C.....	Harrisburg
Dalton, James R.....	Se.....	Chester
Davidson, Ellis B.....	C.....	Mechanicsburg
Davies, Mary W.....	Ph.....	Carlisle
Davis, Dorothy A.....	C.....	Harrisburg
De Long, Wilson D., Jr.....	C.....	Reading
Diener, Mary.....	C.....	Reading
Dietrich, Ira R.....	Ph.....	Klinesville
Dreher, Albert O.....	C.....	Shamokin
Dubson, Mary S.....	Ph.....	Spring City
Eberly, Norman M.....	C.....	Shermansdale
Ellsworth, Elmer J.....	Se.....	Schuyler Lake, N. Y.
Embery, Joseph R. Jr.....	C.....	Philadelphia
Eppley, Clair M.....	Ph.....	Carlisle
Farrar, James A.....	C.....	Federal
Filler, M. Elizabeth.....	C.....	Carlisle
Fluke, Samuel B.....	Se.....	Altoona
Foster, Huston G.....	Ph.....	Kenilworth, N. C.
Franke, Robert L.....	C.....	Johnstown
Fritchey, John A.....	Ph.....	Harrisburg
Fritz, Elbert H.....	C.....	Freeland

* Deceased, January 21, 1922.

Name	Course	Residence
Fry, Charles S.....	Ph.....	Carlisle
Garland, Paul.....	Ph.....	Bellwood
Gayner, Edward J.....	C.....	Salem, N. J.
Geyer, A. Flo.....	C.....	Chambersburg
Givler, Esther K.....	C.....	Boiling Springs
Glatfelter, Stuart E.....	C.....	Harrisburg
Goodiel, Carlton D.....	Se.....	Harrisburg
Grafflin, Dorothy E.....	C.....	New York City
Gray, Elmer J.....	Ph.....	Torrence
Greene, Thelma E.....	C.....	Altoona
Gulden, J. Albert.....	C.....	Carlisle
Hagerty, Jane.....	C.....	Clearfield
Hall, John E.....	Ph.....	Harrisburg
Hartman, Lois P.....	C.....	Bradford Woods
Hays, John, Jr.....	Se.....	Carlisle
Hearn, Raymond E.....	Ph.....	Edelman
Henninger, F. LaMont.....	C.....	Williamsport
Herr, Paul M.....	Ph.....	Carlisle
Hess, Monroe H.....	Ph.....	Philadelphia
Hess, Paul R.....	Se.....	Chambersburg
Hinkle, Gordon F.....	C.....	Harrisburg
Holmes, Fred V.....	C.....	Bloomsburg
Houseman, William H.....	Ph.....	Carlisle
Houston, M. Genevieve.....	C.....	Carlisle
Houston, Jeraldine A.....	C.....	Carlisle
Johnston, Hugh K.....	Ph.....	Bellefonte
Johnston, Philip H.....	Ph.....	Bellefonte
Jones, Ruth Edna.....	C.....	Wilmington, Del.
Keen, Marion C.....	C.....	Wiconisco
Keller, William T.....	Ph.....	Marysville
Kelley, Janet A.....	C.....	Newville
Kenworthy, William P., Jr....	Se.....	Parkesburg
Kline, Sidney D.....	C.....	West Reading
Knouff, Joseph W.....	C.....	Harrisburg
Koller, Mary E.....	C.....	Mechanicsburg
Kresge, Marian G.....	Se.....	Allentown
Kurtz, Kenneth S.....	C.....	Harrisburg
Kutner, Charles.....	Se.....	Camden, N. J.
Logan, Arthur G.....	Se.....	Asbury Park, N. J.
Lyon, Isadore B.....	Se.....	Hagerstown, Md.
Madeira, Sheldon S. R.....	C.....	Harrisburg
Madore, Robert.....	C.....	Bedford
Manahan, Sara E.....	C.....	Harrisburg

Name	Course	Residence
Markle, Charles J.	C.	Mill Hall
Mercurio, Annette.	C.	Harrisburg
Michael, Naomi H.	C.	Harrisburg
Miller, Ammon L.	Ph.	Shamokin
Minker, Roger R.	C.	Wilmington, Del.
Morgan, Elizabeth.	Ph.	Bridgeville, Del.
Morgenthaler, Wendell P. C.	Ph.	Harrisburg
Nace, Donald S.	Ph.	McConnellsburg
Nailor, M. Evelyn.	C.	Camp Hill
Nesbit, William W.	Se.	Lurgan
Nokes, John M.	Se.	Hollidaysburg
Oaks, Charles L., Jr.	Ph.	Reading
Paul, Margaret H.	Ph.	Harrisburg
Peritz, Joseph H.	Ph.	Syracuse, N. Y.
Randolph, N. Earl.	Se.	Trenton, N. J.
Read, Ruth W.	C.	Camden, N. J.
Riegel, Esther I.	C.	Enola
Rinker, B. Floyd.	C.	Mt. Union
Pitzman, D. Carl.	Ph.	Port Royal
Rogers, Horace E.	Se.	Red Bank, N. J.
Santella, Angelo.	C.	Altoona
Schraunk, Ellwood R.	C.	Elizabethtown
Schultz, William C.	Se.	Waynesboro
Seeley, Harold A.	Ph.	Shamokin
Selby, J. Mahlon.	C.	Cabin John, Md.
Sell, Paul R.	Se.	Orwigsburg
Sheedy, Ann Davies.	Ph.	Carlisle
Shelley, Rachael.	C.	Mechanicsburg
Shupert, Meredith J.	C.	Coushohocken
Simonetti, Leon S.	C.	Harrisburg
Smith, Frances E.	C.	Halifax
Smith, Paul J.	Ph.	Lemoyne
Smith, Paul L.	Se.	Altoona
Stegmeier, Alva M.	Ph.	Allentown
Stevens, F. Katharine.	Ph.	Shirleysburg
Stewart, Harold L.	Se.	Houtzdale
Strain, Samuel W.	Ph.	Littlestown
Strockbine, James K.	Se.	Gibson
Sunwalt, A. Louise.	C.	Wilmington, Del.
Switzer, Leona D.	C.	Harrisburg
Templin, Samuel E.	C.	Reading
Tobias, Lulu T.	C.	Clearfield
Triebels, N. Eugene.	Ph.	Jersey Shore

Name	Course	Residence
Trumbower, Bruce G.....	C.....	Hunlock Creek
Tuozzolo, Peter A.	Se.....	Trenton, N. J.
Wagner, Charles C.....	Se.....	Hanover
Wagner, G. Stuart.....	Se.....	Harrisburg
Wallace, Clarence M.....	Se.....	Middletown
Watts, Virginia R.....	C.....	Harrisburg
Weisenfluh, Norman N.....	C.....	Old Forge
Weston, Milton L.....	C.....	Milesburg
Wilson, Charles T.....	Ph.....	Wilmington, Del.
Wilson, Helen I.....	C.....	Boiling Springs
Wilson, Mildred E.....	C.....	Mechanicsburg
Witmer, L. Viola.....	C.....	Carlisle
Witwer, Albert M., Jr.....	C.....	Royersford
Wood, Jack E.....	Se.....	Millville, N. J.
Worley, Katherine C.....	C.....	Harrisburg
Yeagley, John D.....	Se.....	York
Zimmerman, Margaret E.....	C.....	Carlisle
Zoretskie, Mary M.....	C.....	Mt. Carmel

FRESHMEN

Adler, George R.....	Ph.....	Duquesne
Alabran, Max V.....	Ph.....	Ridgway
Andrus, H. Rawson.....	Ph.....	Waverly, N. Y.
Bare, Ray S.....	Se.....	New Cumberland
Baughman, Lon H.....	C.....	Du Bois
Baum, Mary.....	Ph.....	Lemoyne
Beck, Nathaniel	Ph.....	Pittsburgh
Bennethum, William H., 3rd..	Ph.....	Harrisburg
Bennett, Anna L.....	Se.....	Trenton, N. J.
Bernstein, Philip.....	Ph.....	York
Blauvelt, Violet R.....	C.....	Lincoln Park, N. J.
Bozarth, Marion E.....	Se.....	Glendora, N. J.
Bucher, Helen M.....	Ph.....	Carlisle
Bullock, Percy P.....	Ph.....	Cambridge Springs
Burkett, J. Max.....	Se.....	Altoona
Burrus, Marvin E.....	C.....	East Stroudsburg
Caldwell, James F. B.....	Ph.....	Carlisle
Carter, Frank E.....	C.....	Johnstown
Collins, Paul N.....	C.....	Philadelphia
Corbett, William A.....	Ph.....	Waynesboro
Craig, Helen G.....	Ph.....	Carlisle
Creps, John E.....	C.....	Rouzeville

Name	Course	Residence
Cummings, Edwin J.....	C.....	Cape May, N. J.
Dailey, Cornelius M.....	Ph.....	Steelton
Daugherty Katharine H.....	C.....	Williamsport
Davey, George M.....	C.....	Allentown
Davis, Lloyd G.....	C.....	Baltimore, Md.
Deau, W. Knowles.....	Ph.....	Newport
Drum, Robert B.....	C.....	Harrisburg
Evans, Mary K.....	Ph.....	Norristown
Fischer, Karl Wood.....	Se.....	Indianapolis, Ind.
Fitzgerald, Della.....	Ph.....	Carlisle
Frazier, G. Thurston.....	C.....	Carlisle
Froek, Arthur M.....	Ph.....	Hanover
Fry, A. Abram.....	Se.....	Harrisburg
Fry, Chloe O.....	Se.....	Camp Hill
Furniss, Howard D.....	Se.....	Bethel, Del.
Gemmell, Harold E.....	C.....	Hanover
Goodall, Ralph E.....	Se.....	Barnesboro
Goodyear, Frank J., Jr.....	C.....	Harrisburg
Green, L. Vance.....	Ph.....	Altoona
Greer, Charles A.....	Ph.....	Johnstown
Groner, Mildred D.....	C.....	Altoona
Guffick, William R.....	C.....	Philadelphia
Haddon, Charles M.....	Ph.....	Haddonfield, N. J.
Hagen, John F.....	Ph.....	Paterson, N. J.
Hallem, Maurice.....	Ph.....	Lewistown
Hamilton, Edgar H.....	Ph.....	Johnstown
Hamilton, John M.....	Ph.....	Johnstown
Hann, Elizabeth D.....	C.....	Camden, N. J.
Hartig, Martin K.....	Ph.....	Frostburg, Md.*
Hawk, Fern E.....	Se.....	York
Heim, Gladys B.....	C.....	Highspire
Hemmerly, Gordon W.....	Se.....	Hazleton
Hendren, Melvin W.....	C.....	Lewistown
Herritt, Hamilton H.....	Ph.....	Jersey Shore
Hertzler, John V.....	Ph.....	Carlisle
Hillegas, Bennethum S.....	Se.....	Harrisburg
Holt, Irvin.....	Ph.....	Collingdale
Hoy, Charles P.....	Ph.....	Carlisle
Huber, Margaret W.....	Ph.....	New York City
Hubley, Walter W.....	C.....	Warren
Hurst, Elizabeth.....	C.....	Mechanicsburg
Hurst, William P.....	Ph.....	Wilmington, Del.
Hutchison, A. Witt.....	Se.....	Lewistown

Name	Course	Residence
Jenkinson, Orlo B.....	Ph.....	Bradley Beach, N. J.
Jewells, H. Paul.....	C.....	Tamaqua
Joseph, Arthur L.....	Ph.....	Vineland, N. J.
Kail, Maurice W.....	C.....	Philadelphia
Keatley, G. Harold.....	Ph.....	Fleming
Kempter, Guyton.....	Se.....	Chambersburg
Kivko, Michael.....	C.....	Mt. Carmel
Klemm, Eleanor M.....	C.....	Harrisburg
Kline, William E.....	C.....	Flemington
Knupp, Mary E.....	C.....	Harrisburg
Lawrence, Mabel E.....	C.....	Princeton, N. J.
Learned, A. Carola.....	C.....	Carlisle
Lehman, George F.....	Ph.....	Newberry
Leopold, W. Randall.....	C.....	Lewistown
LeVan, Paul S.....	C.....	Carlisle
Lingle, John S.....	Se.....	Harrisburg
Long, Jacob A.....	C.....	Mill Hall
McCahan, Walter D.....	Se.....	Williams Grove
McCord, Ross E.....	Ph.....	Harrisburg
McCrea, Elizabeth N.....	C.....	Newville
McCullogh, J. Talbot.....	Se.....	Carlisle
McDermott, Sara L.....	C.....	Carlisle
McGary, Anne M.....	Ph.....	Weston, W. Va.
McHenry, Sylvan W.....	C.....	Berwick
McIntosh, Magdalene.....	Ph.....	Carlisle
Makibbin, Anna M.....	C.....	Harrisburg
Mann, E. Harold.....	Se.....	York
Mayor, Ralph F.....	C.....	Middletown, Del.
Meyer, George W.....	C.....	West Cape May, N. J.
Mickey, R. Lynn.....	Se.....	Oakville
Miller, Gerald H.....	Se.....	Vineland, N. J.
Miller, Mary C.....	C.....	Bellwood
Mincemoyer, Floyd A.....	Ph.....	Mechanicsburg
Morgan, Richard R.....	C.....	Collingswood, N. J.
Morning, Margaret B.....	C.....	Hanover
Mountz, R. Mae.....	C.....	Harrisburg
Nacrelli, Joseph A.....	Ph.....	Chester
Nebinger, Rankin A.....	Se.....	Lemoyne
Negley, Paul L.....	Ph.....	New Cumberland
Ness, Ruth R.....	Ph.....	York
Nichols, Ransom B.....	C.....	Smyrna, Del.
Nichols, Royden C.....	C.....	Johnstown
Nickey, Thelma Y.....	C.....	Harrisburg

Name	Course	Residence
Oakes, Edith L.....	C.....	Keyport, N. J.
Olewiler, Horace N.....	C.....	Philadelphia
Olewine, George E., Jr.....	Sc.....	Altoona
Pacheco, Enrique.....	Sc.....	Cartago, Costa Rica
Pass, Mary K.....	C.....	Harrisburg
Paul, Marguerite.....	Ph.....	Lebanon, Neb.
Pentz, Luella M.....	C.....	Harrisburg
Platt, John H.....	Sc.....	Haddon Heights, N. J.
Price, Dorothy M.....	C.....	Woodbury, N. J.
Rabold, C. Norris.....	C.....	Altoona
Raine, Blanche L.....	C.....	Harrisburg
Richards, Byron L.....	Ph.....	Martha Furnace
Ringleben, Hazel M.....	Ph.....	Hazleton
Rivera, De Artagnan.....	Sc.....	Bayamon, P. R.
Rochow, W. M. Harry.....	C.....	York
Rock, John F.....	C.....	Seranton
Roddie, John W.....	C.....	New York City
Rosenberger, Paul F.....	Sc.....	Penbrook
Schuchart, Paul M.....	C.....	Altoona
Shelhamer, William H.....	C.....	Warren
Sherk, Mary A.....	C.....	Camden, N. J.
Shields, William S.....	Sc.....	Frostburg, Md.
Shoop, John E.....	Sc.....	Coxestown
Shuler, Catharine G.....	C.....	Williamsport
Simmons, A. Harvey.....	C.....	Seranton
Sinex, Ralph I.....	C.....	Clayton, Del.
Sloan, W. Harold.....	C.....	Binghamton, N. Y.
Smead, Edward L.....	Ph.....	Williamsport
Smith, Andrew J.....	C.....	Noxen
Smith, Douglass M.....	Ph.....	Bethlehem
Smith, M. Catherine.....	C.....	Ocean City, N. J.
Solada, George N.....	C.....	Lucknow
Solenberger, Herbert A.....	Ph.....	Winchester, Va.
Souders, J. Paul.....	Sc.....	Chicago, Ill.
Speck, Florence C.....	C.....	Carlisle
Staats, Bertha C.....	Ph.....	Wilmington, Del.
Stanger, W. Bignell.....	Sc.....	Clayton, N. J.
Steck, Richard C.....	Ph.....	Carlisle
Stenger, Benjamin L.....	C.....	Mercersburg
Stuckenrath, Robert W.....	C.....	Harrisburg
Thomas, Mary Estelle.....	C.....	Mechanicsburg
Thompson, Hugh V.....	Ph.....	Pittsburgh
Tilt, Edwin M.....	Ph.....	Paterson, N. J.

Name	Course	Residence
Todd, Florence S.....	Ph.....	Hagerstown, Md.
Tompkins, Edwin W.....	Ph.....	Emporium
Tribit, Robert P.....	Ph.....	Richardson Park, Del.
Unger, Carl H.....	Ph.....	Shamokin
Updegraff, Russel B.....	Ph.....	New Cumberland
Valiant, Dorothy P.....	C.....	Royersford
Van Camp, Mary E.....	C.....	Plainfield
Wagner, Norman R.....	C.....	Mt. Union
Weaver, Lester E.....	Se.....	Elliottsburg
Weise, John W.....	C.....	Port Royal
Wertz, E. Amanda.....	C.....	Harrisburg
Wiener, Helen L.....	Ph.....	Carlisle
Wiest, W. Irvine	C.....	Shamokin
Wilder, Dorothy E.....	C.....	Johnstown
Williams, Martha E.....	Ph.....	Carlisle
Williamson, Clyde E.....	C.....	Williamsport
Woodruff, Robert S.....	Ph.....	Lewistown
Worstell, Frances J.....	Ph.....	Millville, N. J.
Zendt, J. Edward.....	C.....	Souderton

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Dickinson College

1922 - 1923

140th ANNUAL SESSION



CARLISLE, PA.
PUBLISHED BY THE COLLEGE
MCMXXIII

COLLEGE CALENDAR—1922-1923

FIRST SEMESTER

September 14, Thursday, 2.30 P. M...First Semester begins.

December 22—January 2.....Christmas Recess.

January 27, Saturday.....First Semester ends.

SECOND SEMESTER

January 29, 8.30 A. M.....Second Semester begins.

March 23—April 3.....Spring Recess.

May 17—24.....Final Examinations, Seniors.

May 23—June 1.....Final Examinations, other classes.

June 1—5.....Commencement Events.

1923-1924

September 13, Thursday, 2.30 P. M...First Semester begins.



TO THE EIGHT HUNDRED AND TEN SONS OF DICKINSON
IN RECOGNITION OF THEIR SERVICES IN THE WORLD WAR

FIVE HUNDRED AND THIRTY THREE IN THE ARMY AND NAVY
TWO HUNDRED AND FIFTY TWO IN THE STUDENT ARMY TRAINING CORPS
AND TWENTY FIVE IN THE AUSTRALIAN SERVICE

ESPECIALLY IN MEMORY OF THOSE
WHO GAVE THEIR LIVES FOR THEIR COUNTRY

JOHN ALLEN DALLAN FIRST LIEUTENANT INFANTRY	SAMUEL J. HARRIS FIRST LIEUTENANT INFANTRY	EARL EUGENE KAHN FIRST LIEUTENANT INFANTRY	MINNIE HEARSTICK CORPORAL ENGINEER CORPS
ALFRED COLLETT CAPTAIN ENGINEER CORPS	OSCAR MACLACHLAN INFANTRY	JOHN F. RICHARDS CAPTAIN ENGINEER CORPS	JOHN EUG. STUBBS CAPTAIN CHEMICAL WARFARE
JOHN HAROLD TOWN FIRST LIEUTENANT INFANTRY	HORACE FARRINGTON CORPORAL ENGINEER CORPS	DAVID MACHLER RUPPEL FIRST LIEUTENANT INFANTRY	WALTER T. MONTAGUE FLYING SQUADRON ROYAL AIR FORCE
JAMES ALCOCK WOODBURN NAVY	CHARLES O'BRIEN SERVING IN THE AUSTRALIAN SERVICE	FRANK SOLA SERVING IN THE AUSTRALIAN SERVICE	SERGEANT MAJOR ALFRED SECOND LIEUTENANT INFANTRY

TABLET IN MEMORIAL HALL—"OLD WEST"

HISTORICAL SKETCH

1783-1833

At the close of the Revolution there were in the United States only eleven colleges, all but two on tidewater. All of these colleges were feeble in numbers, the largest perhaps with less than one hundred students, and the majority certainly with less than half that number. The desire for education, however, was growing, and as population spread west the necessity for new schools of higher learning began to be felt.

The first substantial manifestation of this feeling was the establishment of Dickinson College. The prime mover in the Dickinson enterprise was Benjamin Rush, the distinguished physician and scholar of Philadelphia, signer of the Declaration of Independence and Surgeon General of the Revolutionary army. Rush was the inspiration of the movement leading to the founding of Dickinson College, but to John Dickinson, because of his real personal interest in the movement, his commanding position in the political life of the State and, as the charter of the College says, "his very liberal donation to the institution," came the honor of having the new college bear his name.

Dickinson College was chartered in 1783, but if its friends followed the custom so common in measuring the age of many of the colleges, it could easily claim to date back to 1773.

The Penns were patrons of schools in the Province of Pennsylvania, and Thomas and John Penn early donated a lot of ground in Carlisle and gave other encouragement for the establishment of a Grammar School at the county seat of Cumberland. This School was opened in 1773, and upon this Grammar School foundation Colonel Montgomery, of Carlisle, head trustee of the Grammar School and a member of the Continental Congress meeting in Philadelphia, was making efforts in 1871 to change the Grammar School to an academy.

While serving in Philadelphia he secured the attention of Dr. Benjamin Rush and under the latter's influence the charter finally secured was not for an academy but for a college. This college, as was said above, was based on the school already in existence since 1773, and the work of the College after its organization was continued for nearly twenty years on the site of the original Grammar School.

This old site, set apart for education as early as 1773, has since been used continuously for educational purposes—1773-1783, for the Grammar School; 1783-1803, for the College; and thereafter for public school purposes, now being the property of the Carlisle School Board. This site has probably been used longer for continuous educational purposes than any other in the State of Pennsylvania, and West College—"Old West," as all Dickinsonians love to call it—the principal building of the present college plant, is doubtless the oldest building in continuous college use in the State of Pennsylvania or indeed any where west of the Hudson River.

On the ninth of September, 1783, the Pennsylvania Legislature chartered Dickinson College, and six days later on the 15th of the month the first meeting of the trustees of the College named in the charter was held at the home of John Dickinson in Philadelphia. This meeting was followed by a second at the home of Dr. Benjamin Rush on the 18th, and a third meeting, on the 19th. At these meetings the Board was organized by the election of John Dickinson president, in which official position he continued until his death, in 1808. The active participation of so distinguished a personage rendered it eminently suitable that the charter should specify that;

"In memory of the great and important services rendered to his country by His Excellency, John Dickinson, Esquire, President of the Supreme Executive Council, and in commemoration of his very liberal donation to the institution, the said college shall be forever hereafter called and known by the name of 'Dickinson College.' "

The value of "his very liberal donation to the institution" is not definitely known, though we know from other sources that it was liberal and at the time probably exceeded in value any previous private contribution to the cause of education in this country. His gifts finally included certainly a plantation of two hundred acres in York, and another of five hundred acres in Cumberland County, five hundred dollars in cash and a valuable selection of books from his library. Many of these books are still in the library of the College, and carry the bookmark of his father-in-law, Isaac Norris.

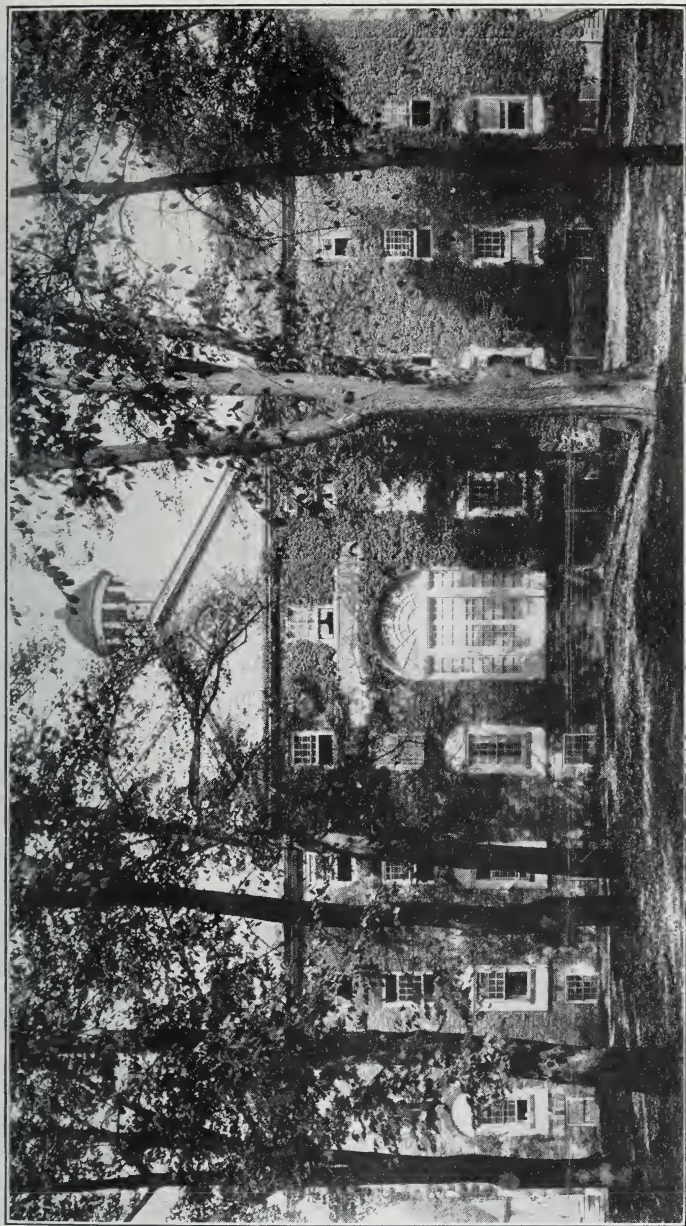
The College came into active being on the 6th of April, 1784, when the trustees met at Carlisle and elected a faculty of two members, Dr. Charles Nisbet, of Scotland, Principal, and James Ross, Professor of Greek and Latin. The Grammar School was at once inaugurated under the direction of Professor Ross, to whom was given an assistant in the person of Robert Johnson. When Dr. Nisbet arrived in July, 1785, the faculty was farther increased by the appointment of Rev. Robert Davidson, Pastor of the Presbyterian Church of Carlisle, to the chair of History and Belles Lettres, and the promotion of Mr. Johnson to the professorship of Mathematics, while a Mr. Jait was elected "to teach the students to read and write the English language with elegance and propriety." Principal Nisbet taught Moral Philosophy, Logic, Philosophy of the Mind and Systematic Theology.

During the early history of the institution, instruction was given in a small two-story brick building near Bedford street on Liberty Avenue, in the southeastern part of the town. This site was never satisfactory, and various projects were proposed for obtaining a better one, notable among them being the scheme to purchase from the government the old Hessian Barracks, occupied for many years as a military post, later as the Carlisle Indian School, and now as the Medical Training School of the United States Army. In 1799, the present fine site, comprising a full town square, was purchased from the Penns for \$150.50. A commodious building was erected upon it, but, as it neared completion, it was de-

stroyed by fire in 1803. Sympathy for this misfortune was widespread, and subscriptions for a new edifice came from all directions. Thomas Jefferson gave a hundred dollars, and Count de la Luzerne, the French minister, headed one subscription list, while upon another appeared the names of seventeen members of Congress. The plans and specifications were prepared by Latrobe, the United States Government architect, then busy in planning the new Capitol building, and the present superb example of colonial architecture, West College, was erected.

This was the first of the series of fine buildings in which the institution is now housed. The first of these to be added was South College, for which additional ground was purchased in 1835 and a building erected, to be utilized for public worship and for the purposes of the Grammar School. This structure was destroyed by fire the following year, but was at once replaced by the present substantial edifice.

The instruction given during the early days of the institution was mainly by means of lectures, which, while it obviated the necessity for the purchase of text-books, then so expensive as to make a heavy draft upon the purses of the students, nevertheless, by the enormous bulk of the instruction so conveyed, made so material a strain upon the young scholars as to elicit many complaints from them. The course of President Nisbet in Systematic Theology was comprised in no less than four hundred and eighteen lectures, requiring two years for their delivery. In the beginning, no classification of students was made, the men being grouped according to their knowledge of the subjects studied. Under this arrangement, the first graduates passed out from the College in 1787, and in the succeeding years until 1796, when a division of the students into three classes, Freshman, Junior, and Senior, was adopted, the college work being at the same time classified according to these divisions. The Sophomore class and a four years' course did not appear until twelve years later, in 1808. With the development of the art of printing and the growth of native scholarship, the lecture system came to be progressively supplanted by the plan of recitation from text-book.



WEST COLLEGE—"OLD WEST"—1804

The College, when first organized, was entirely undenominational, although fourteen out of the forty members of the Board of Trustees were clergymen. The predominance of Presbyterian influence in the early faculty, through the fact that several of the early presidents were of that persuasion, and the incident of its location in a strongly Presbyterian community, may account for the notion that it was under the direction of that denomination. With a varying proportion of members of other religious denominations, however, the college passed eventfully through its first half century. Dr. Jeremiah Atwater came from the presidency of Middlebury College, Vermont, but owing to a defect in the charter placing the administration of discipline jointly in the hands of the trustees and faculty, the interference of the trustees became so intolerable that Dr. Atwater and his colleagues severed their connection with the college in 1815. The Rev. John McKnight acted as Principal *pro tempore* for a year, but the effort to galvanize the institution into life was fruitless, and its doors were closed until 1821, when Dr. John M. Mason came from the provostship of Columbia, to remain only three years, when he was succeeded by Dr. William Neill, whose administration in turn became so embarrassed by the meddling of the trustees and other causes that, in 1829, he, with the entire faculty, resigned. The Rev. Joseph Spencer became Principal *pro tempore*, and in 1830, Dr. Samuel B. How and a new faculty were inducted into office, but their efforts to infuse health into the institution were unavailing, and in 1832 its doors were again closed.

Dickinson College was at first one of twelve colleges in the country, chartered the year of the treaty with Great Britain which acknowledged our independence, and graduating its first class in 1787 while the Constitutional convention was in session in Philadelphia. It had at its head and as its chief teacher for over twenty years a great scholar, and he made a deep impression on the young men with whom he came in contact. The results of the work of those early years of the College are astounding. The alumni record of

the period so far as it can now be recovered is almost an honor roll, composed of men of distinguished services to State and Church.

Four men graduated in 1787, two were preachers, and two lawyers, one of the latter a judge of the U. S. District Court; seven graduated in 1788, two of whom became heads of academies; of the three members of the next class one became a member of the Supreme Court of Pennsylvania. The four men of the next class furnished a member of the State legislature, a framer of the Constitution of Ohio, and President of Ohio University. The next class had a U. S. Senator, a Governor of Illinois, a member of Congress, and two heads of academies; the class of 1794 furnished presidents for Washington, St. John's, and Jefferson Colleges, a member of Congress, a U. S. Senator, and a Maryland judge; the next class besides a member of Congress, a judge of a U. S. Court, and a member of Pennsylvania Supreme Court had the great Chief Justice Taney, who served in so many important positions. He was Chief Justice of the U. S. Supreme Court while another Dickinsonian, James Buchanan, of the class of 1809, was President of the United States and a third Dickinsonian, Robert Cooper Grier of the class of 1812 was an Associate Justice with him on the great bench.

At the time of the closing of the College in 1832 for reasons touched on above the leaders of the Methodist Church were considering the founding of a college under their own church auspices. At the 1833 session of the Baltimore Conference the pastor from Carlisle suggested that Dickinson College might be secured. The Philadelphia Conference joined the Baltimore Conference and negotiations followed for the transfer of Dickinson to their control. The transfer was agreed upon and carried out in June, 1833, by the resignation of the old trustees and the election of nominees of the two Conferences in their places. Thus closed the first fifty years of the College's life, since which time it has been nearly ninety years under the auspices of the Methodist Episcopal Church.

CHARTER

Act of September 9, 1783, 2 Smith's Laws 71.

AN ACT for the establishment of a college at the borough of Carlisle, in the county of Cumberland, in the State of Pennsylvania.

SECTION 1. Whereas, the happiness and prosperity of every community (under the direction and government of Divine Providence) depends much on the right education of the youth, who must succeed the aged in the important offices of society, and the most exalted nations have acquired their preeminence, by the virtuous principle and liberal knowledge instilled into the minds of the rising generation:

SEC. 2. And whereas, after a long and bloody contest with a great and powerful kingdom, it has pleased Almighty God to restore to the United States of America the blessings of a general peace, whereby the good people of this State, relieved from the burthens of war, are placed in a condition to attend to useful arts, sciences and literature, and it is the evident duty and interest of all ranks of people to promote and encourage, as much as in them lies, every attempt to disseminate and promote the growth of useful knowledge.

SEC. 3. And whereas, by the petition of a large number of persons of established reputation for patriotism, integrity, ability and humanity, presented to this House, it appears that the institution of a college at the borough of Carlisle, in the county of Cumberland, for the instruction of youth in the learned languages, and other branches of literature, is likely to promote the real welfare of this State and, especially, of the western parts thereof:

SEC. 4. And whereas, this House is informed, as well by the said petition as by other authentic documents, that a large sum of money, sufficient to begin and carry on the design for some considerable time, is already subscribed by the generous liberality of divers persons, who are desirous to pro-

mote so useful an institution, and there is no doubt but that further donations will be voluntarily made, so as to carry it into perfect execution; and this house cheerfully concurring in so laudable a work:

SEC. 5. *Be it therefore enacted, and it is hereby enacted by the Representatives of the Freemen of the Commonwealth of Pennsylvania, in General Assmly met, and by the authority of the same,* That there be erected, and hereby is erected and established, in the borough of Carlisle, in the county of Cumberland, in this State, a college for the education of youth in the learned and foreign languages, the useful arts, sciences and literature, the style, name and title of which said college, and the constitution thereof, shall be and are hereby declared to be as is hereafter mentioned and defined; that is to say,

I. In memory of the great and important services rendered to his country by his Excellency, John Dickinson, esquire, president of the Supreme Executive Council, and in commemoration of his very liberal donation to the institution, the said college shall be forever hereafter called and known by the name of "Dickinson College."

II. That the said college shall be under the management, direction and government of a number of trustees not exceeding forty, or a quorum or board thereof, as hereinafter mentioned.

III. That the first trustees of the said college shall consist of the following persons, viz:

His Excellency, John Dickinson, esquire, president of the Supreme Executive Council; Henry Hill, James Wilson and William Bingham, esquires, and Doctor Benjamin Rush. of the city and county of Philadelphiam.

The Reverent James Boyd, of the county of Bucks.

Doctor John McDowell, of the county of Chester.

The Reverend Messieurs Henry Muhlenburg, A. M., and William Handell, and James Jacks, esquire, of the county of Lancaster.

The Reverend Messieurs John Black, Alexander Dobbins,

John McKnight, the Honorable James Ewing, esquire, vice-president of the Supreme Executive Council, and Robert McPherson, Henry Schlegel, Thomas Hartly and Michael Hahn, esquires of the county of York.

The Reverend Messieurs John King, Robert Cooper, James Lang, Samuel Waugh, William Linn, and John Linn, and John Armstrong, John Montgomery, Stephen Duncan, Thomas Smith and Robert Magaw, esquires and Dr. Samuel A. McCoskrey, of the county of Cumberland.

The Reverend Christopher Emanuel Schulze and Peter Spyker, esquire, of the county of Berks.

John Arndt, esquire, of the county of Northampton.

William Montgomery and William McClay, esquires, of the county of Northumberland.

Bernard Dougherty and David Espy, esquires, of the county of Bedford.

The Reverend James Sutton and Alexander McClean, esquire, of the county of Westmoreland.

And William McCleary, esquire, of the county of Washington.

Which said trustees, and their successors, to be elected in the manner hereafter mentioned, shall forever be, and they are hereby erected, established and declared to be one body politic and corporate, with perpetual succession, in deed and in law, to all intents and purposes whatsoever, by the name, style and title of "the Trustees of Dickinson College, in the borough of Carlisle, in the county of Cumberland;" by which name and title they, the said trustees, and their successors, shall be competent and capable at law and in equity to take to themselves, and their successors, for the use of the said college, any estate in any messuages, lands, tenements, hereditaments, goods, chattels, moneys or other effects, by the gift, grant, bargain, sale, conveyance, assurance, will, devise or bequest of any person or persons whatsoever, provided the same do not exceed in the whole the yearly value of ten thousand pounds, valuing one-half Johannes, weighing nine penny-weight, at three pounds; and the same messages, lands,

tenements, hereditaments and estate, real and personal, to grant, bargain, sell, convey, assure, demise, and to farm, let and place out on interest, or otherwise dispose of, for the use of the said college, in such manner as to them or at least seven of them, shall seem most beneficial to the institution, and to receive the rents, issues, profits, income and interest of the same, and to apply the same to the proper use and support of the said college; and by the same name to sue, commence, prosecute and defend, implead and be impleaded, in any courts of Law or Equity and all manner of suits or actions whatsoever, and generally, by and in the same name, to do and tranact all and every the business touching or concerning the premises, or which shall be incidentally necessary thereto, as fully and effectually as any natural person or body politic or corporate within this Commonwealth have power to manage their own concerns, and to hold, enjoy and exercise all such powers, authorities and jurisdictions as are customary in other colleges in Europe or America.

IV. That the said trustees shall cause to be made for their use one common seal, with such devices and inscriptions thereon as they shall think proper, under and by which all deeds, diplomas, certificates and acts of said coropration shall pass and be authenticated, and the same seal, at their pleasure, to break and devise a new one.

V. That the said trustees of the said college, or nine of them at least, shall meet at the city of Philadelphia, on the third Monday in September, instant, for the purpose of concerting and agreeing to such business as, in consequence of this act, shall be proper to be laid before them at the commencement of the work they have undertaken, and shall have power to adjourn from time to time, as they shall see cause, to any other times and places, for the purpose of perfecting the same.

VI. [That there shall be a meeting of the said trustees held once in every year at least, at the borough of Carlisle, at such time as the said trustees, or a quorum thereof, shall appoint, of which notice shall be given after the first meeting,

either by public advertisements in two of the public newspapers of Philadelphia six weeks before the time, or by notice in writing, signed by the clerk or other officer of the said trustees, for that purpose to be appointed, and sent to each trustee, at least twenty days before the time of such intended meeting; and if at such meeting nine of the said trustees shall not be present, those of them who shall be present shall have power to adjourn the meeting to any other day, as fully and effectually, to all intents and purposes, as if the whole number of trustees for the time being were present; but if nine or more of the said trustees shall meet at the said appointed times, or at any other time of adjournment, then such nine of the said trustees shall be a board or quorum, and a majority of the votes of them shall be capable of doing and transacting all the business and concerns of the said college, not otherwise provided for by this act; and particularly, of making and enacting ordinances for the government of the said college, of electing trustees, in the place and stead of those who shall resign their places, or who shall die; of electing and appointing the principal and professors of the said college; of agreeing with them for their salaries and stipends, and removing them for misconduct, or breach of the laws of the institution; of appointing committees of their own body to carry into execution all and every the resolutions of the board; of appointing a treasurer, secretary, stewards, managers and other necessary and customary officers, for the taking care of the estate, and managing the concerns of the corporation; and, generally, a majority of voices of the board or quorum of the said trustees, consisting of nine persons, at least, at any annual or adjourned meeting, after notice given as aforesaid, shall determine all matters and things (although the same be not herein particularly mentioned) which shall occasionally arise, and be incidentally necessary to be determined and transacted by the said trustees: *Provided, always,* That no ordinances shall be of force, which shall be repugnant to the laws of this State.]*

* Amended by order of Court, June 20, 1879, *infra*.

VII. [The head or chief master of the said college shall be called and styled, "The Principal of the College;" and the masters thereof shall be called and styled "Professors;" but neither principal nor professor, while they remain such, shall ever be capable of the office of trustee.]*

VIII. The principal and professors, or a majority of them shall be called and styled "The Faculty of the College," which faculty shall have the power of enforcing the rules and regulations adopted by the trustees for the government of the pupils, by rewarding or censuring them, and finally by suspending such of them, as, after repeated admonitions, shall continue disobedient and refractory, until the determination of a quorum of trustees can be had; and of granting and confirming, by and with the approbation and consent of a board of the trustees, signified by their mandamus, such degrees in the liberal arts and sciences, to such pupils of the college, or others, who, by their proficiency in learning, or other meritorious distinction, they shall think entitled to them, as are usually granted and conferred in other colleges in Europe or America, and to grant to such graduates diplomas or certificates, under their common seal, and signed by the faculty, to authenticate or perpetuate the memory of such graduation.

IX. Persons of every religious denomination among Christians shall be capable of being elected trustees; nor shall any person either as principal, professor or pupil be refused admittance for his conscientious persuasion in matters of religion; provided he shall demean himself in a sober, orderly manner, and conform to the rules and regulations of the college.

X. [As it has been found by experience that those persons separated from the busy scenes of life, that they may with more attention study the grounds of the Christian religion, and minister it to the people, are in general zealous promoters of the education of youth, and cheerfully give up their time and attention to objects of this kind; therefore, whenever a vacancy shall happen, by the want of qualifica-

* Amended by order of Court, June 20, 1879, *infra*.

tions, resignation or decease of any clergyman hereby appointed a trustee, such vacancy shall be filled by the choice of another clergyman of any Christian denomination, and so *toties quoties* such vacancies shall happen, whereby the number of clergymen hereby appointed trustees shall never be lessened.]†

XI. No misnomer of the said coropration shall defeat or annul any gift, grant, devise or bequest, to or from the said corporation, provided the intent of the parties shall sufficiently appear upon the face of the gift, grant, will or other writing, whereby any estate or interest was intended to pass to or from the said corporation, nor shall any disuser or non-user of the rights, liberties, privileges, jurisdictions and authorities, hereby granted to the said coropration, or any of them, create or cause a forfeiture thereof.

SEC. 6. *And be if further enacted by the authority aforesaid*, That the constitution of the said college, herein and hereby declared and established, shall be and remain the inviolable constitution of the said college forever, and the same shall not be altered or alterable by any ordinance or law of the said trustees, nor in any other manner, than by an act of the legislature of this State.

SEC. 7. [*And be it further enacted by the authority aforesaid*, That the said trustees, hereinbefore appointed, and their successors, and the principal and professors, and every of them, hereafter to be appointed, in such manner and form as herein is directed and required before he or they enter upon the duties of their trust or office, shall before two Justices of the Peace of the city of Philadelphia, or of some county of this State, take and subscribe the oath or affirmation prescribed by the fortieth section of the constitution of this commonwealth, to be taken by the officers of this State, and also the oath or affirmation of allegiance directed to be taken by the same officers, in and by the seventh and eighth sections of an act of Assembly, made and passed the fifth day of December, in the year of our Lord one thousand

† Repealed by Act of February 13, 1826, P. L. *infra*.

seven hundred and seventy-eight, entitled, "A further supplement to the act, entitled, 'An act for the further security of the government,' " and shall also take an oath or affirmation for the faithful discharge of their trust of office aforesaid.]*

AMENDMENTS TO THE CHARTER

1. 1826—Repealing requirement of Section X that clergymen succeed clergyman as Trustees.

2. 1834. That the Principal of the College should be *ex-Officio* President of the Board.

That the Board of Trustees may declare seats of members vacant after absence from the meetings of the Board for two years.

That the discipline of the College be vested in the professors and faculty.

3. 1879. Trustees were divided into four classes, to serve four years, with privilege of reelection.

The Head or Chief Master of said College shall be called and styled "The President of the College," and the Masters thereof shall be styled "Professors."

4. 1889. The Trustees instead of taking the oath of office are required merely to subscribe to an obligation to accept the office, etc.

5. 1890. The number of Trustees increased from forty to fifty, six of the additional ten to be elected at large and the remaining four by the alumni of the college in such manner as the Board of Trustees might direct.

6. 1912. The President of the College shall not be eligible to the office of President of the Board of Trustees.

* Amended by Act of April 10, 1834, P. L. 273, § 4, *infra*.

BOARD OF TRUSTEES

OFFICERS OF THE BOARD

EDWARD W. BIDDLE	<i>President</i>
ALEXANDER SIMPSON, JR.	<i>Vice-President</i>
CHARLES W. STRAW	<i>Secretary</i>
JOHN S. BURSK	<i>Treasurer</i>

TERM EXPIRES 1923

G. HAROLD BAKER	Aberdeen, Md.
GEORGE D. CHENOWETH, Sc.D.	Yorktown, Va.
REV. J. FREDERICK HEISSE, D.D.	Baltimore, Md.
LLOYD WELLINGTON JOHNSON.....	Brooklyn, N. Y.
REV. BISHOP WILLIAM F. McDOWELL, LL.D.	Washington
REV. CORNELIUS W. PRETTYMAN, D.D.	Carlisle
COL. JAMES G. STEESE	Washington

TERM EXPIRES 1924

JOHN L. ALCOCK	Baltimore, Md.
REV. BISHOP CHARLES WESLEY BURNS, LL.D.	Helena, Mont.
REV. JOHN R. EDWARDS, D.D.	Washington
MELVILLE GAMBRILL	Wilmington, Del.
CHARLES K. HADDON	Haddonfield, N. J.
REV. EDGAR R. HECKMAN, D.D.	Harrisburg, Pa.
REV. FRANK B. LYNCH, D.D.	Philadelphia
JOHN M. RHEY, ESQ.	Carlisle
WILMER W. SALMON	New York City
REV. ROBERT WATT, D.D.	Wilmington, Del.
WILLIAM L. WOODCOCK, ESQ., PH.D.	Altoona

TERM EXPIRES 1925

PAUL APPENZELLAR (Alumni Trustee)	New York City
LEMUEL T. APPOLD	Baltimore, Md.
HON. EDWARD M. BIDDLE, JR.	Carlisle
HENRY P. CANNON (Alumni Trustee)	Bridgeville, Del.
ROBERT F. RICH (Alumni Trustee)	Wollrich
RUBY R. VALE, ESQ. D.C.L. (Alumni Trustee)	Philadelphia
REV. BISHOP LUTHER B. WILSON, LL.D.	New York City
CHARLES K. ZUG, ESQ.	Philadelphia

TERM EXPIRES 1926

J. HENRY BAKER, ESQ.	Baltimore, Md.
HON. EDWARD M. BIDDLE, JR.	Carlisle
ABRAM BOSLER	Carlisle
GEORGE M. HAYS, ESQ.	Carlisle
JUSTICE ALEXANDER SIMPSON, JR., LL.D.	Philadelphia
WALTER G. SOUDERS	Chicago
BOYD LEE SPAHR, ESQ.	Philadelphia
C. PRICE SPEER,	Chambersburg
REV. CHARLES W. STRAW, D.D.	Philadelphia

STANDING COMMITTEES**EXECUTIVE COMMITTEE:**

J. L. Alcock, L. T. Appold, J. H. Baker, J. R. Edwards, C. K. Haddon, J. H. Morgan, R. F. Rich, B. L. Spahr, C. W. Straw, C. K. Zug, and Edward W. Biddle, *Chairman*.

COMMITTEE ON TRUSTEES:

H. P. Cannon, Melville Gambrill, E. R. Heckman, J. H. Morgan, W. L. Woodcock.

FACULTY

JAMES HENRY MORGAN, PH.D., LL.D.

President

BRADFORD OLIVER McINTIRE, PH.D.

Thomas Beaver Professor of English Literature

WILLIAM WEIDMAN LANDIS, Sc.D.

Susan Powers Hoffman Professor of Mathematics

JOHN FREDRICK MOHLER, PH.D.

Professor of Physics

MERVIN GRANT FILLER, Litt.D.

Dean and A. J. Clarke Professor of Latin Language and Literature

CORNELIUS WILLIAM PRETTYMAN, PH.D.

Professor of German Language and Literature

MONTGOMERY PORTER SELLERS, Litt.D.

Professor of Rhetoric and the English Language

LEON CUSHING PRINCE, LL.B., Litt.D.

Professor of History

GAYLARD HAWKINS PATTERSON, PH.D.

Professor of Economics and Sociology

FORREST EUGENE CRAVER, A.M.

Professor of Physical Culture

HERBERT WING, JR., PH.D.

Professor of Greek Language and Literature

WILBUR HARRINGTON NORCROSS, PH.D.

Professor of Psychology

JOSEPHINE BRUNYATE MEREDITH, A.M.

Dean of Women and Associate Professor of English

HAZEL JANE BULLOCK, A.M.

Associate Professor of Romance Languages

EARNEST ALBERT VUILLEUMIER, PH.D.

Associate Professor of Chemistry

CLARENCE JOHNSON CARVER, PH.D.

Associate Professor of Education

SOPHIE LOUISE DE VILAINÉ, A.M.

Associate Professor of Romance Languages

CHARLES EVANS ELY, PH.D.

*Representative of the Board of Home Missions of the Methodist
Episcopal Church as Instructor in Rural Leadership*

MILTON WALKER EDDY, M. S.

Associate Professor of Biology

DICKINSON COLLEGE

WILLIAM MICHAEL BAUMGARTNER, A. M., B. D.

Associate Professor of English Bible

LEWIS GUY ROHRBAUGH, B. D., PH. D.

Associate Professor of Philosophy and Religious Education

JOHN C. M. GRIMM, PH. D.

Associate Professor of Romance Languages

HERBERT LEROY DAVIS, A. B.

Instructor in Chemistry

CHARLES HASTINGS THOMAS, A. B.

Instructor in Mathematics

RALPH SCHECTER, A. B.

Instructor in English

GUY C. BROSIUS, A. B.

Instructor in Public Speaking

CLIFTON ENNIS WASS, A. B.

Instructor in English

BERTHA GLOBISCH GATES, A. M.

Instructor in German

RICHARD HENRY MACANDREWS

Instructor in Physical Culture

LYDIA MARIAN GOODING, PH. B.

Librarian

OFFICERS OF ADMINISTRATION

MERVIN GRANT FILLER

Dean of the College

BRADFORD OLIVER MCINTIRE

Secretary of the Faculty

SARA MARTHA BLACK, A. M.

Secretary to the President

COMMITTEES OF THE FACULTY

Absences

PROFESSOR SELLERS

Athletics

PROFESSORS PRETTYMAN, CRAVER, AND NORCROSS

Government and Discipline

DEANS FILLER, LANDIS, MOHLER, PRETTYMAN, AND SELLERS

Graduate Work

PROFESSORS MCINTIRE, PRINCE AND CARVER

Library

PROFESSORS MCINTIRE, EDDY, AND DEAN MEREDITH

Honor Courses

PROFESSORS PATTERSON, WING, AND NORCROSS

OFFICIAL VISITORS

1922

BALTIMORE

REV. FRANK C. PORTER

REV. THOMAS E. COPES

CENTRAL PENNSYLVANIA

REV. WILLIAM W. BANKS

REV. H. C. KNOX

REV. JOHN H. DAUGHERTY

REV. ROBERT BAGNELL

REV. JOHN W. LONG

NEW JERSEY

REV. DANIEL E. CLAIR

REV. CARLTON R. VANHOOK

PHILADELPHIA

REV. ALBERT M. WITWER

REV. ROLAND J. GARBER

REV. WILLIS A. LEWIS

REV. SAMUEL W. PURVIS

REV. JOHN K. STETLER

REV. WILLARD L. AMTHOR

REV. ARTHUR C. JAMES

WILMINGTON

REV. F. F. CARPENTER

REV. D. W. JACOBS

REV. W. J. DOWNING

WYOMING

REV. BERTHIER W. DIX

REV. JUDSON N. BAILEY

REV. WILLIAM E. WEBSTER

DEGREES CONFERRED BY THE COLLEGE 1922

I. HONORIS CAUSA

LL. D.—Doctor of Laws

Chief Justice Robert von Moschzisker, Philadelphia
Edward W. Stitt, District Superintendent of Schools, New York City

Litt. D.—Doctor of Literature

Lewis H. Chrisman, West Virginia Wesleyan College, Bukhannon,
W. Va.
Rev. Oscar L. Joseph, Tottenville, Staten Island, N. Y.

D. D.—Doctor of Divinity

Rev. Alexander Corson, Camden, N. J.
Rev. John W. Long, Williamsport
Rev. J. Purman Shook, Philadelphia
Rev. James Edgar Skillington, Altoona

II. IN CURSU

A. M.—Master of Arts

Raymond David Adams	Ralph Max Lewis
Dickinson, '18	Dickinson, '02
Edward Berger	Richard Wagner Lins
Dickinson, '96	Dickinson, '19
William J. B. Bloom	Carl Paul Obermiller
Bucknell, '19	Dickinson, '20
Walter E. Crunkleton	Ira Shute Pimm
Dickinson, '20	Dickinson, '19
Charles Evans Davis	Herbert Karl Robinson
Dickinson, '19	Dickinson '18
Robert Menear Fortney	Joseph Clinton Sheaffer
Dickinson, '20	Dickinson, '20
James Chalmers Hennen	James E. Spitznas
Dickinson, '20	Dickinson, '15
Dale Harold Learn	Francis Smith Weiss
Dickinson, '20	Franklin and Marshall, '17
	Lester Allen Welliver
	Dickinson, '18

A. B.—Bachelor of Arts

Albright, Agnes Mary
 Allen, Harvey Rickert
 Berkey, Albert
 Blackburn, Eleanor Rebecca
 Bower, William L.
 Bratton, Elizabeth Boyd
 Brumbaugh, Ruth Eleanor
 Brunstetter, Byron C
 Brunstetter, Max Russell
 Burkholder, Mildred Blanche
 Diller, Elizabeth Adele
 Dotter, Ruth Maola
 Everhart, Florence Elizabeth
 Fair, Beulah Mae
 Flickinger, Edward Hilferty
 Folmsbee, Stanley John
 Glassco, Herbert William
 Grande, John Wesley
 Guyer, Gladys
 Hartman, Clifton Creasy
 Herb, Ruth Eva
 High, Laura Estella
 Hoover, Cyril Joshua
 Howard, Lula Margaret
 Iley, Frances Hephzibah
 Kennedy, John Beitzel
 Klepser, John Mark
 Kruse, Harry D.
 Kurokawa, Colbert Naoya
 Kurtz, Dorothy Stockton
 Loban, Winfield Hemperley
 Merkel, Walter Clarence
 Merwin, Harold Stanton
 Miller, Oscar Howard
 Miller, Ralph R.
 Miller, Wilbur H.
 Noaker, Mary E.

O'Donnell, Elizabeth Madeline
 Patterson, Katharine Naomi
 Peters, John B.
 Pipa, John Leonard
 Place, Anna
 Place, Mary
 Poff, Niles Miller
 Ramey, William Albert
 Rich, Fleming Baird
 Rieck, Allan
 Robinson, Edith Myrtle
 Rupp, Raphael Emory
 Scott, Helen Elizabeth
 Sharp, Phebe Lore
 Sharp, Reuben Lore
 Shaw, Arnold Bishop, Jr.
 Sheaffer, Charlotte Cecelia
 Shellenberger, Esther Hazel
 Skelly, Frank Clark
 Spangler, Lloyd Ellsworth
 Spotts, Carleton B.
 Stearns, Harry L.
 Steen, James Corbett
 Strayer, Helen Clymer
 Trine, Emelyn Moore
 Tustin, James Ferguson
 Waldman, Harry Nathan
 Warren, Lawrence Edwin
 Watts, Catherine Elizabeth
 Wehrle, Helen M.
 Weisensale, Helene M.
 Wetzell, Mary Kathrine
 Willoughby, Edwin Elliott
 Wise, DeWitt Dutrey
 Whitter, Sophia Alice
 Zinn, Mildred Ring

LL.B.—Bachelor of Laws

Beck, Theodore
 Beck, Xopher H.
 Bishop, Wilbur C.
 Bloom, William J. B.
 Carothers, Samuel H.

Kennedy, John S.
 Koen, Urban B.
 Kolansky, Milton J.
 Kreps, F. Stanley
 Learn, Dale H.

Clarke, Harry E.
Cooyer, Merle E.
Crunkleton, Walter E.
Daugherty, Ivan S.
Davis, Fred W.
Delesantro, Rocco F.
Dively, G. Nevin
Douglas, Donald D.
Durnin, Richard P.
Fortney, Robert M.
Fox, Leon A.
Friedman, Sidney E.
Gallagher, William A.
Garber, Mark E.
Gearhart, Ethan A.
Glass, B. Franklin
Goeltz, Robert L.
Hand, T. Millet
Heefner, Benjamin L.
Hennen, James C.
Holzman, Joseph
Jacoby, Norman S.
Kann, George P.
Kears, Charles R.

Lins, Richard W.
McDonough, Frank L.
Miller, Leon B.
Naame, George
Obermiller, Carl P.
Polisher, Edward N.
Righter, Carroll B.
Scheufele, William F.
Schnee, Philip
Shahadi, Albert N.
Shapiro, Zachary
Scheaffer, J. Clinton
Smith, William B., Jr.
Stevens, George M.
Stone, Ben L.
Surran, C. Bruce
Tenenbaum, Harry
Thomas, William J.
Thompson, Frank W.
Warfield, Ethelbert D., Jr.
Weiss, Francis S.
Werner, Walter E.
Yost, Martin L.

ADMISSION

Students are admitted to the College by certificate and on examination, on presentation of testimonials of good moral character, and, if from other colleges, evidences of honorable dismissal. Applications for admission to advanced standing in the College will not be received later than the opening of the Senior year.

Men and women are admitted to the College on equal terms.

BY CERTIFICATE

Certificates for work done in approved secondary schools are accepted, but not diplomas or certificates of graduation.

Blank forms for certification will be furnished on application, and these should be returned to the College by the principal of the school.

Certificates from other colleges will be estimated according to the grade of said colleges; but no student will be admitted from another college with rating beyond that previously held.

GENERAL STATEMENT OF SUBJECTS REQUIRED FOR ADMISSION

Requirements for admission are stated in terms of units, a unit being a course of study pursued for a year at least four periods a week of forty minutes each. At least fourteen and a half such units are required for admission, and *graduates from literary courses of approved high schools or academies generally meet the requirements.*

Required Units

Algebra, Elementary	1½	units
English	3	units
Foreign Language	2	units
Geometry, Plane	1	unit

Elective Units

Eight units from the following subjects are required. Seven units, however, will satisfy the requirements for admission if apart from English and Mathematics five units are offered in two subjects and three of the five are in foreign language.

French	2, 3, or 4 units
German	2, 3, or 4 units
Greek	2 or 3 units
History	2 units
Latin	2, 3, or 4 units
Science	1, 2, or 3 units
Solid Geometry	$\frac{1}{2}$ unit
Trigonometry	$\frac{1}{2}$ unit

THE CURRICULUM**PLAN OF INSTRUCTION**

It is the policy of the College to be a teaching institution, and its first aim is to furnish wise and expert teaching leadership. To attain this end the College has steadily exalted the teacher, and its policy has been to have mature and experienced teachers in its corps of instruction, without inexperienced tutors.

GENERAL STATEMENT

The College offers three parallel courses in the liberal arts and sciences, four years in length and leading to the degrees of Bachelor of Arts, Bachelor of Philosophy, and Bachelor of Science. They are based upon the completed secondary school course of study with certain studies prescribed for all matriculants. *Graduates from literary courses of approved*

high schools should meet these requirements. The courses provide for the varied needs and capacities of individuals by permitting a wide range of election.

In the course leading to the degree of Bachelor of Arts, some college Latin or Greek is required; in the course leading to the degree of Bachelor of Science a larger amount of work in science is required. Any of these courses, if successfully completed, will provide a liberal education, and will serve as a basis for professional study or for business life.

The work of the first two years is largely required, that of the last two is largely elective. Selection of electives may provide much special preparation along the line of intended life work, especially for those preparing to engage in business or to become ministers, lawyers, physicians, teachers, or engineers.

ELECTIVE COURSES AS TRAINING FOR BUSINESS OR PROFESSIONAL CAREER

Business Course.—The College recognizes the fact that an ever-increasing number of college men follow business careers, and to meet their needs it offers practical courses of cultural value in preparation for these business careers.

Modern languages are a valuable part of such a course in this day of close relations in all the business world, and in addition to the ordinary French and German of the college course, Italian and Spanish have been added. Spanish especially is likely to be of increasing value as this country draws nearer in its business life to the great and rapidly developing countries of South America.

At least one course in Economics is required of all candidates for a degree, and other similar courses are elective in Modern Industrial Development, Industrial Organization and Business Management, Principles of Sociology, Social and Economic Problems, etc.

These electives as part of a cultural course are commended to the prospective business man.

Engineering Course.—Although many engineering schools admit students directly from the high school, some feel that it is a mistake both for the schools and for the students. Under this system engineers promise to be the least liberally educated of our professions. Law, medicine, and the ministry require part of the college course as preparation for their own professional studies. Engineers alone are largely without any college preparation, and there is beginning to be a protest against this on the part of the public and the wiser part of our body of youth. An increasing number of young people take the college course and propose after that to take their professional course in engineering, giving to the subject one or two additional years as may be necessary, and having the liberal training as a basis for their professional work. If a young man is planning for a broad preparation for life and large professional success, he ought certainly to take the liberal arts training and then his professional specialty. The college course may be so arranged as to prepare for a prompt adjustment of engineering work for those choosing to take it after graduation.

Law Course.—In preparation for law, as part of the college course three hours a week of law may be elected in the Junior year and five hours a week in the Senior year. By judicious election and a little extra work good students may thus save one year in their subsequent course in the School of Law, completing the law course in two years after graduation instead of the three which would otherwise be required. An extra charge, however, is made when law is thus elected in place of college work.

Medical Preparatory Course.—All good medical schools today require a good deal of preparation beyond that of the high school, ranging from the college degree to two years of college work; and most good medical schools also require that certain particular subjects shall be taken as preparation for their work. Students who propose to study medicine may shape their college course in such a way as to meet fully the

requirements of the great medical schools. The completion of the college course is strongly recommended for those who expect to study medicine, but arrangements can be made for those who plan for less than this whereby the minimum requirement of most medical schools may be met in a shorter time.

Teachers' Course.—The growing high school demand for college-trained teachers has found expression in the school codes of most of the progressive states, and on the completion of a college course covering certain electives in History and Principles of Education, and Psychology, supplemented by supervised practice teaching, graduates of the college are given certificates to teach in these states. The College thus prepares a great many teachers, and they are at once certified by state authorities and authorized to teach in their high schools. No ambitious young man or woman ought to consent to enter upon the teacher's career as a life work without the college degree. With this degree a grade of work is at once open which would otherwise never be open. The educational requirements of Pennsylvania and neighboring states may be fully met by proper choice of electives in the College.

Partial Course.—In addition to the regular courses of study leading to graduation and an academic degree, a Partial Course is open to students not planning for so long a college residence as would be required to complete the full course. No such student, however, will be admitted unless prepared for college.

REQUIREMENTS FOR GRADUATION

1. 132 semester hours of college work, in addition to physical exercise and public speaking.

2. English A and B, History A, and Mathematics A during the Freshman year; Bible A, Psychology A, and Social Science A during the Sophomore year. History A may be postponed to the sophomore year by candidates for the degree of Sc. B., and Social Science to the Junior year. A

course in which a student has failed and which is to be repeated takes precedence over all other work.

3. Courses in two foreign languages in college, in one of them at least the third year. No credit in any language course for less than two years' work. For the A. B. Course at least one year of Greek or Latin must be taken in college.

4. 16 hours in Science, 8 at least in each of two of the following: Botany, Chemistry, Physics. Three other courses in Science for candidates for the degree of Sc. B., taking at least one course in each of the three sciences above named.

5. A major subject of 24 hours in some one department, and a minor subject of 18 hours in some other department.

6. Half of the 132 hours grading above D, or the entire course averaging C or above, or two-thirds of all Junior and Senior hours grading C or above.

The grade D indicates 60 to 70% ; C, 70 to 80% ; B, 80 to 90% ; and A, 90 to 100%.

Note. Responsibility rests with the student for such arrangement of the course as will meet these requirements.

HONOR COURSES

Honor courses are open to a few high grade students of each class, who among other things:

1. Secure B grade as sophomores,
2. Average at least B for their college course,
3. Take at least 24 semester hours of work in a special chosen field,
4. Secure A grade in these 24 hours,
5. Do work outside of class equal to 8 semester hours and pass on the same with grade of A, presenting an acceptable thesis on the same, both to be done by May 15th before graduation.

COURSES OF STUDY—DETAILED STATEMENT

Description of individual subjects follows “Courses of Study.”

“Hours” of half-year courses are semester hours; of others, year hours, to be doubled to get semester hours.

BACHELOR OF ARTS COURSE

Freshman Year

Required

Rhetoric and Composition A	3	hours
English Literature B	2	“
History A	3	“
Mathematics A	3	“
Public Speaking	1	“

Elective—Two of the following, one of them to be Greek

or Latin	6	“
French	3	hours
German	3	“
Greek	3	“
Latin A	3	“
		<hr/>
		18 hours

Sophomore Year

Required

English Bible A—(Half Year)	4	hours
Psychology A—(Half Year)	4	“
Science—Biology C or Chemistry C or Physics C	4	“
Social Science A	3	“

Elective—Two of the following

English I	3	hours
French	3	“
German	3	“
Greek	3	“
Latin B	3	“
Mathematics B	3	“
		<hr/>
		17 hours

Junior Year

Elective 16 hours

Senior Year

Elective 16 hours

BACHELOR OF PHILOSOPHY COURSE

Freshman Year

Required

English, Rhetoric and Composition A.....	3 hours
English Literature B.....	2 “
History A.	3 “
Mathematics A	3 “
Public Speaking	1 “

Elective—Two of the following, according to the work offered for admission.....

6 “

French 3 hours

German 3 “

Greek 3 “

Latin A 3 “

 18 hours

Sophomore Year

Required

Psychology A (Half Year)	4 hours
English Bible (Half Year)	4 “
Science—Biology C or Chemistry C or Physics C.....	4 “
Social Science A	3 “

Elective—Two of the following

6 “

English I 3 hours

French 3 “

German 3 “

Greek 3 “

Latin B 3 “

Mathematics B 3 “

 17 hours

Junior Year

Elective 16 hours

Senior Year

Elective 16 hours

BACHELOR OF SCIENCE COURSE

Freshman Year

Required

English, Rhetoric and Composition A.....	3 hours
English Literature B	2 “
Chemistry C	4 “
Mathematics A	3 “
Public Speaking	1 “

Elective—Two of the following, according to the work
offered for admission

French	3 hours
German	3 “
Greek	3 “
Latin A	3 “
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	19 hours

Sophomore Year

Required

Psychology A (Half Year)	4 hours
English Bible (Half Year)	4 “
History A	3 “
Science—Biology C, or Chemistry F, or Physics C	4 “

Elective—Two of the following 6 or 7 hours

English I	3 hours
French	3 “
German	3 “
Greek	3 “
Latin B	3 “
Mathematics B	3 “
Science—A second course from the group —Biology C, Chemistry F, Physics C,	4 “
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	17 or 18 hours

Junior Year

Social Science A	3 hours
<i>Elective</i>	13 “

Senior Year

<i>Elective</i>	16 hours
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SUMMARY OF ELECTIVE COURSES

In addition to required work each student elects from the following in semester hours. (See Requirements for Graduation.)

(For detailed statement of each course see following pages.)

American Literature	6	hours
Art, History of	4	"
Astronomy	4	"
Bible	20	"
Biology	15	"
Botany	10	"
Chemistry	38	"
Debating	3	"
Economics (See Social Science)		
Education	24	"
French	50	"
Genetics	2	"
Geology	4	"
German	36	"
Greek, Classical	30	"
Greek Testament	8	"
History	30	"
Italian	6	"
Latin	30	"
Law	16	"
Logic	3	"
Mathematics	24	"
Philosophy	12	"
Physics	26	"
Physiology and Hygiene	3	"
Political Science (See Social Science)		
Public Speaking	2	"
Psychology	13	"
Religious Education	10	"
Rural Church Method	6	"
Social Science (Economics, Sociology, Political Science)	28	"
Spanish	12	"
Zoology	6	"

REGULATIONS CONCERNING ELECTIVES

1. Choice of electives for the Sophomore, Junior, and Senior years shall be made in May and must have the approval of Class Deans. Change in electives may be made with the consent of Class Deans before the opening of any semester, but later changes may be made only with faculty approval.

2. Elective studies in excess of the prescribed number of hours may be taken if, in the judgment of the faculty, such additional work will not interfere with the regular work. No member, however, of the Junior or Senior class may take more than seventeen hours of work if the general average for the preceding year was less than seventy-five per cent. For hours in excess of the seventeen, freely allowed, an extra charge is made.

3. A course in which a student has failed and which he is to repeat shall take precedence over all other work.

COURSES OFFERED

Detailed Statements of Individual Subjects

AMERICAN LITERATURE

(See *English*)

ART, HISTORY OF

Professor Landis

Art A.—The development of architecture, and of painting is studied, the greater part of the course being devoted to the history of painting from the time of Giotto to the present. An effort is made to familiarize each student with reproductions of important works of art. *Two hours for the year in alternate years; to be given 1922-23.*

ASTRONOMY

(See *Mathematics*)

BIBLE

Associate Professor Baumgartner

A.—*Introductory Course.* This course aims (1) to meet a few of the problems that confront the Bible student at the outset, (2) to acquaint the student with a brief history of the Hebrew people and of the early Christians, and (3) to introduce him to the study of the Bible itself in two of its books, Amos and Luke's Gospel, with a special view to the social teachings of these books. Required of Sophomores. *Four hours for a semester.*

B.—*Bible Survey.* A course designed to give the student a comprehensive view of the Bible's teachings about God, and about the religious life, individual and social. Such subjects as inspiration, revelation, and biblical interpretation are also considered. The study involves careful research in numerous books of the Old Testament and the New Testament, and is especially advised for those who desire an intimate acquaintance with the books themselves as well as with their teachings. Elective for Juniors and Seniors. *Two hours for the year.*

D.—Advanced Study. First semester: Major prophets—Isaiah and Jeremiah. Second semester: Johannine Writings—John's Gospel and Revelation. A careful exegetical study of these books is made, both for literary and for religious values. Elective for Juniors and Seniors. *Three hours for the year.*

E.—Advanced Study. First semester: Liturgical and Wisdom Literature—Introduction to the Psalms and the Book of Proverbs, and an extended study of Job. Second Semester: Pauline Epistles—careful study of I Corinthians and Romans, with numerous comparisons in other Pauline Epistles. Elective for Juniors and Seniors. *Three hours for the year. Omitted in 1923-24*

BIOLOGY

Associate Professor Eddy

A.—Botany. Lecture Course. Lectures and recitations in Plant Morphology. *Three hours, first semester.*

Lectures and recitations in Plant Physiology. *Three hours, second semester.*

B.—Botany. Laboratory Course. One 2-hour period a week throughout the year in Plant Morphology and Plant Physiology, including also a limited amount of field work in Plant Ecology.

C.—Botany. Courses A and B combined. *Four hours for the year.*

D.*—Botany. Class-room and field work in systematic Botany, aiming to acquaint the student with the local flora. *Two hours, second semester.*

E.—Zoology. Lecture Course. Lectures and recitations in Animal Morphology and Physiology. *One hour for the year.*

F.—Zoology. Laboratory Course *Two 2-hour periods a week in Animal Morphology throughout the year.*

G.—Zoology. Courses E and F combined. *Three hours for the year.*

H.*—Zoology. Genetics. Lectures and recitations. *Two hours, first semester.*

J.—Embryology. *Four hours counting as two, second semester.* Given in alternate years—given in 1923-1924.

L.—Zoology. Experimental Physiology. *Four hours counting as two, first semester.* Prerequisite Biology G. Given in alternate years—given in 1923-24.

M.—Histology and Histological Technique. *Four hours counting as two for the year.* Given in alternate years—not given in 1923-24.

* Offered only when sufficient number elect course.

BOTANY

(See Biology)

CHEMISTRY

Associate Professor Vuilleumier

A.—Lecture Course. An elective course in General Inorganic chemistry. The aim of this course is to cover the fundamental theoretical principles of the science in connection with the descriptive chemistry of the non-metallic elements. The material presented in the text is supplemented by lecture experiments and explanations. Students are given practice in stoichiometrical and other types of chemical problems. *Three hours for the year.*

B.—Laboratory Course. The laboratory work of the first year consists of the performance by each student of a series of experiments illustrating the important general principles and facts of the science, the properties of the more important non-metallic elements, and the laws of chemical action. The details of manipulation of these experiments are given, but with a view to cultivating the powers of observation. The student is required to observe carefully and describe clearly the results of each experiment. *Two hours (counting as one) for the year.*

C.—Courses A and B combined.

D.—Lecture Course. An elective course devoted to the principles of theoretical and physical chemistry, such as the kinetic molecular hypothesis, theory of solution, atomi hypothesis, chemical equilibrium, theory of dissociation in solution, electrolysis, and the laws of mass action. This is followed by a study of the metallic elements based upon the periodic system. Prerequisite: Course A. *Two hours for the year.*

E.—Laboratory Course. Qualitative Analysis, to accompany Course D. The usual course of preliminary work and analysis of simple and complex substances is pursued. The ionic theory and laws of mass action are applied to this work. *Four hours (counting as two) for the year.*

F.—Courses D and E combined.

G.—Lecture Course. Organic Chemistry. An elective course devoted to the principal classes of organic compounds, aliphatic and aromatic, with emphasis upon class reaction and the structural theory. Prerequisite: courses A and B and preferably D and E. *Two hours for the year.*

H.—Laboratory Course. A course in Organic Preparations to accompany lecture course G. Laboratory work in the preparation and purification of compounds selected from the aliphatic and aromatic series for the illustration of important synthetic reactions; verification of the constants of these compounds; methods of organic analysis. *Four hours (counting as two) for the year.*

I.—Courses G and H combined.

J, K, and L.—Laboratory Courses. Courses in Quantitative Analysis in its several branches. The work comprises a series of experiments which illustrate the fundamental principles of gravimetric and volumetric methods. The courses are flexible, and great latitude will be allowed students manifesting interest and ability. Prerequisite: Courses C and F.

J.—Four hours to count as two.

K.—Eight hours to count as four.

L.—Twelve hours to count as six.

M.—Lecture Course. Quantitative Analysis. *One hour, first semester.*

DEBATING

A.—The course in debating is planned to give those interested an opportunity to study the technique of oral argumentation and to practice the art of debate under supervision. The work will supplement the debating in the College Literary Societies. *Three hours, first semester.*

ECONOMICS

(*See Social Science*)

EDUCATION

(*See also Psychology and Philosophy*)

Associate Professor Carver

A.—*Methods of Teaching.* This course introduces the student to educational methods. Class-room procedure, therefore, is emphasized, not curriculum or organization. Text-book, Parker. Open only to Juniors and Seniors who plan to teach. *Three hours for one semester.*

B.—*Principles of Education.* A systematic analysis of the principles involved in a constructive theory of education, with particular reference to the high school. Text-book, Inglis, Open to Juniors and Seniors. *Three hours for one semester.*

C.—*History of Modern Education.* Education as a great social agency with a background of the general history of civilization, constitutes the point of view of this course. Special stress is laid upon the development of education in the United States, Text-book, Cubberley. *Three hours for one semester.*

J.—*Educational Psychology.* A study of the process of learning and the economical use of the human mechanism therein involved, combining theory and practice with observation. Open to Juniors and Seniors who have had the equivalent of Psychology A. *Three hours for one semester.*

L.—Educational Measurements. An introduction to the scientific method of measuring efficiency of instruction and administration in the school, with standard tests, scales, and methods of interpretation. Open to Juniors and Seniors. *Three hours for one semester.*

H.—Public School Administration. An historical background of the evolution of school organization, and a study of present-day theories, problems, plans, and practices. Text-book, Cubberley. Open to Juniors and Seniors. *Three hours for one semester.*

D.—School Hygiene. A study of the fundamentals underlying the physical and mental growth of children, together with conditions of the school-room and school surroundings conducive to health. Open to Juniors and Seniors. *Three hours for one semester.*

E.—Supervised Practice Teaching. The Carlisle high school is open for supervised teaching work. Five periods of class-room work, a group-conference hour each week, and individual conferences constitute the course. Open only to approved Seniors who have had Education A. *Three hours' credit for one semester.*

I.—Vocational Education. An attempt is made in this course to evaluate this new and important chapter in social and educational evolution, and to define its major problems. Special stress is laid on vocational guidance of young people in their choice of life-work. Lectures, special reports, discussions, and text. Open to Juniors and Seniors. *Three hours for one semester.*

Note—Psychology A is prerequisite to all Education Courses.

ENGLISH

Professors McIntire and Sellers, Dean Meredith, and Messrs.
Schechter and Wass

In addition to the courses outlined below composition in the form of essays and orations is required at stated intervals and throughout the last three years of the course of all students.

A.—Rhetoric and Composition. based upon "English Composition in Theory and Practice." by Canby and others. Required of all Freshmen. *Three hours for the year.*

B.—A course in modern English literature as an expression of the growth of national life and culture of the English people. Especial attention given to the causes of changing taste in the period covered. Illustrative readings in and out-side the class-room constitute an important element of the work. Required of all Freshmen. *Two hours for the year.*

I.—Smith's "What can Literature Do for Me?" and Century Readings in English Literature constitute the basis for studies in the appreciation of books. Supplementary reading both in and outside the class-room. Elective for Sophomores. *Three hours for one year.*

C.—The Development of the English Language.

I. *Old English*: Smith's "Old English Grammar and Reader."

II. *Middle English*: Grammar. Chaucer, "The Prologue" and "The Knight's Tale."

III. *Modern English*: Its Growth and Present Use.

Elective for Juniors and Seniors. *Three hours for the year.*

D.—Literary Criticism. Winchester's "Principles of Literary Criticism" is used as a text-book and "Century Readings in English Literature," as supplementary reading and application. Elective for Juniors who have taken English I. *Two hours for the year.*

E.—American Literature. First semester: Studies in Poetry. Second semester: Development of the Short Story. Elective for Juniors and Seniors. *Three hours for the year.*

F.—English Drama, consisting of lectures, reading, and reports. The readings are largely in the works of Shakespeare and his contemporaries. Elective with the permission of the instructor to a limited number of Seniors who have taken English D. *Two hours for the year.*

G.—Victorian Poets. Studies and readings in the poetry of Tennyson, Browning, and Arnold. Cambridge Edition. Elective for Seniors who have taken English D. *Two hours for the year.*

K.—Wordsworth and the English Romantic Movement. Elective for Juniors and Seniors. *First semester, three hours.*

L.—Nineteenth Century Prose. Studies in Carlyle, Ruskin, and Arnold. Elective for Juniors and Seniors. *Second semester, three hours.*

ETHICS

(See *Philosophy*)

FRENCH

(See *Romance Languages*)

GEOLOGY

A.—An introduction to the science of Geology, both for students who are planning further scientific pursuits and also for the larger class who wish merely to obtain an outline of the methods and principal results of the subject. Open to Juniors and Seniors. Given in alternate years—not given in 1922-23. *Two hours for the year.*

GERMAN LANGUAGE AND LITERATURE

Professor Prettyman and Mrs. Gates

A.—*Beginner's Course.* German Grammar. German Prose. Practice in writing German. The work in this course is conducted in German according to the Direct Method. *Three hours for the year.*

B.—A continuation of course A, and open only to students who have completed that course. The method is the same, the work being conducted in German. *Three hours for the year.*

C.—A continuation of B, and open only to students who have completed that course. *Three hours for the year.*

D.—*German Prose and Poetry.* Grammar and Practice in writing German. Required of Freshmen who offer two years of German for admission to college. *Three hours for the year.*

E.—*History of German Literature.* German prose composition. This course is a continuation of Course D and is intended for those who have completed that course. *Three hours for the year.*

F.—*History of German Literature.* Lectures. Reading of representative works. Advanced Prose Composition. This course is open to students who have completed D and E and may be elected a second year, as the works read are not the same in successive year. *Three hours for the year.*

GREEK LANGUAGE AND LITERATURE

Professor Wing

The courses in Greek are of three kinds: First, introductory courses, A and G; second, courses in Classical Greek, B, C, D; third, courses in Greek Language and Civilization, K and H.

The work in Greek A and G is about equivalent to the work of three years' Greek in a good high school, but differs from the latter in the authors read and in the point of view. Although forming a good introduction to the more advanced courses in Greek, these two introductory courses are also planned to give a fair insight into the nature of the Greek language as it is used in modern languages and scientific studies, and to familiarize the student with the more characteristic phases of ancient Greek life and thought.

Courses B, C, D are of a more advanced character. The work done varies somewhat from year to year, but in the main is planned to cover rather systematically the chief authors of classical Greek literature, beginning with Attic prose writers and extending the study to take in those authors whom the interests of the students most need.

A.—*Beginners' Greek.* Emphasis will be laid on the acquisition of a vocabulary and of a knowledge of the fundamental principles

of Greek grammar. The class will also read selections from Greek prose and try to get an idea of Greek private life. *Three hours for the year.*

G.—Continuation of Greek A. Grammar, Composition. Reading of prose works and of Homer. This course is planned to connect the work in Beginning Greek with that of courses B, E, and F, for which it is a prerequisite. *Three hours for the year.*

B.—Attic Literature. Xenophon, Plato, Lysias, Lyric Poets. The character and importance of Socrates will be the theme of the first semester's work; Greek oratory and Lyric poetry will be studied in the second semester. *Three hours for the year.*

C.—Demosthenes, first semester; *Sophocles*, second semester. The struggle of Demosthenes against Philip of Macedon will be dealt with in the light of the development of Greek imperialism; some attention will be paid to Greek prose composition. The second semester will be devoted to **Greek tragedy**. Either semester may be taken separately. *Three hours for the year.*

D.—Advanced Greek Literature. In 1923-24 the work of the course will be, during the first semester, Pindar and Hesiod; and during the second semester, Hellenistic Civilization, with readings in both English and Greek from authors of the period from Alexander to Marcus Aurelius. Either semester may be taken separately. *Three hours for the year.*

E.—New Testament Greek: Gospels and Revelation. *Two hours for the year.*

F.—New Testament Greek: Acts and Epistles. Similar to Course E, Alternating with it. Taken up only in odd-numbered years. *Two hours for the year.*

H.—Greek Civilization. This course is intended to give an introduction to the Greek ideals and character through the study of their life and of the products of their civilization. It is planned especially to meet the needs of those who have no knowledge of the Greek language, but may be taken by students who have not taken a course in Greek more advanced than Greek B. Open to Juniors and Seniors. *Three hours, second semester.*

K.—Greek in English. A semester course on the influence the Greek language has had on the English. This may be taken by students who have no knowledge of Greek, but wish to obtain an insight into the etymology of English words. Students who have had Greek may elect this, but will be required to do some further work of an advanced character. *Three hours, first semester.*

HISTORY

Professors Prince and Wing

A.—General European History. An introductory course on the history of Europe. First semester. Ancient History to 395 A.D.; *second* semester, Mediæval and Modern History, 395 A.D. to 1715 A.D. Less attention is given to the political and military history than to the economic, social, artistic, and intellectual phases of civilized life. The course aims to give some acquaintance with proper methods of historical study as well as with the facts of history. Required of Freshmen, except candidates for Sc.B. *Three hours for the year.*

C.—Civilization in Europe. A philosophic study of the history of Western Europe from the Fall of the Roman Empire to the close of the French Revolution. Open to Juniors and Seniors. *Two hours for the year.*

E.—Europe from the Congress of Vienna. The theme of this course is the struggle between monarchy and democracy as the central fact in the political history of Europe in the Nineteenth Century. Open to Juniors and Seniors. *Four hours, second semester.*

G.—Nations of the South and East. Study of the development of the principal Latin-American countries and Japan, especially in its bearings on the United States. Open to Juniors and Seniors. *Three hours, first semester.*

I.—History of England. From the Hundred Years' War to the close of the Napoleonic struggle. Open to Juniors and Seniors. *Four hours, first semester.*

J.—American History. From 1750 to the election of Andrew Jackson. Open to Juniors and Seniors. *Three hours, first semester.*

K.—American History. From 1829 to the close of Reconstruction. Open to Juniors and Seniors. *Three hours, second semester.*

L.—American History. The post Civil War period, from the election of Hayes to the outbreak of the World War. Open to Juniors and Seniors. *Three hours, second semester.*

ITALIAN

(See Romance Languages)

LATIN LANGUAGE AND LITERATURE

Professors Filler and Craver

A.—Freshman. Selections from Sallust, Livy, Cicero.

Latin Grammar is carefully reviewed and emphasis laid upon the mastery of the art of translation. Much time is given to translation in the class-room, and to the writing of Latin Prose.

The course is largely devoted to drill-work, and aims to prepare the student for the intelligent and sympathetic reading of Latin literature in subsequent courses. Open to Freshmen. *Three hours for the year.*

B.—Sophomore. An outline study of the History of Latin Literature with illustrative readings.

In the first semester Classical Mythology is rapidly reviewed, with particular reference to its use in literature and art.

In the second semester the Manners and Customs of the Romans are considered. Open to Sophomores. *Three hours for the year.*

For those who have completed A and B two or more of the following courses will be given each year, according to the needs and desires of those electing advanced work.

In courses C and E attention is given to the needs of those planning to teach.

C.—Virgil, Works, Life, and Literary Influence, with readings from the Georgics and Æneid, VII-XII. *Three hours, first semester.*

D.—Horace, Satires and Epistles. *Three hours, second semester.*

E.—Cicero, Letters and Orations, with particular reference to his political career and the public life of the times. *Three hours, first semester.*

F.—Lyric Poetry, particularly the poems of Catullus. *Three hours, second semester.*

G.—Tacitus and the other prose writers of the Silver Age. History and description of the Roman Government. *Three hours for the year.*

H.—Selections from the Elegiac Writers of the Augustan Age and the chief poets of the Silver Age. More extended study of the History of Latin Literature. *Three hours for the year.*

LAW

Dean Trickett

A.—Criminal Law, first two terms; *Bailments*, the third term. Open to Juniors. *Three hours per week.*

B.—Real Property. *Three hours for the year.*

C.—Contracts. *Two hours for the year.*

D.—Courses B and C combined. Open to Seniors. *Five hours for the year.*

E.—Torts, first two terms; *Domestic Relations*, the third term, *Three hours per week.*

MATHEMATICS

Professor Landis and Mr. Thomas

A.—Algebra, including Theory of Equations, Determinants, the Binominal Theorem, Choice, Logarithms, Interest and Annuities, etc. (Wentworth). Plane Trigonometry (Crockett) or Spherical Trigonometry (Crockett). *Three hours for the year*,

B.—Analytic Geometry. The conics and discussion of the general equation of the second degree (Wentworth). *Calculus*. Differentiation, integration, maxima and minima curve tracing, areas, lengths, volumes, centers of mass, etc. (Osborne). *Three hours for the year*.

C.—Calculus. Partial derivatives, curve tracing, evolutes, envelopes. Taylor's Theorem, special methods of integration, etc. (Hulburt). *Three hours, first semester*.

D.—Differential Equations (Murry). *Three hours, second semester*.

E.—Analytic Geometry of Three Dimensions. The quadric surfaces and their more important properties, the general equation of the second degree, surfaces in general, and curves in space (C. Smith). *Three hours, first semester*.

F.—Projective Geometry (Cremona). *Three hours, second semester*.

G.—Mathematics of Life Insurance. Computation of annuities, net premiums, loading, etc. (Moir). *Three hours, one semester*.

H.—Spherical Astronomy. Problems in latitude, longitude, time, etc. (Chauvenet and American Ephemeris). *Three hours, one semester*.

I.—History and Teaching of Mathematics. A reading course in the works of Cantor, Ball, Cajori, Zeuthen, Smith, Young, Schultze, etc. *Three hours, one semester*.

Courses in the Theory of Numbers, Theory of Functions, Calculus of Probabilities, and other subjects have been given and will be given whenever it seems desirable. Courses A and B are given each year. Of the remaining courses two are given each year, so that every student may complete at least four of them, and the student who presents course A for entrance may pursue six of them.

K.—Astronomy. An Introduction to Astronomy (Moulton) Given in alternate years—not given in 1922-23. *Two hours for the year*.

PHILOSOPHY AND RELIGIOUS EDUCATION

(See also Psychology and Education)

Associate Professor Rohrbaugh**A.—Philosophy.**

(1) *Introduction to Philosophy.* A general introduction to philosophy. The subject is approached from the standpoint of the special sciences, physics, biology, and psychology. Philosophical problems are studied in their relation to religion, art, and science. Open to Juniors and Seniors. Prerequisite, equivalent of Psychology A. *Three hours for one semester.*

(2) *History of Philosophy.* A continuation of Philosophy A (1). The successive philosophical systems from the Greeks down to Kant. This course also aims to show the significant relations which philosophy has sustained to civilization. Prerequisite, Philosophy A (1) or its equivalent. *Three hours for one semester.*

B.—Modern Philosophy. The field of philosophy from Kant to the present time, giving special attention to the systems of Spencer, Bergson, and the Pragmatism of William James. Prerequisite, Philosophy A (1) or its equivalent. *Three hours for one semester.* (Not given in 1923-24).

C.—Ethics. A study of the beginnings and growth of morality, the theories of moral life, and the application of these theories in the world of action. Open to Juniors and Seniors. Prerequisite, Psychology A. *Three hours for one semester.*

F.—Logic. A study of the principles and conditions of correct thinking. Open to Juniors and Seniors. Prerequisite, Psychology A or its equivalent. *Three hours for one semester.*

G.—History and Program of Religious Education.

(1) *History of Religious Education.* A study of the historical data having to do with general religious education, giving special consideration to religious education in modern times. Open to Juniors and Seniors. *Two hours for one semester.*

(2) *Organization and Administration of Religious Education.* Study of program, with attention given to the teacher, pupil, subject matter, principles, and methods. Open to Juniors and Seniors. *Two hours for one semester.*

K.—Psychology of Religion. A study of religious experience from the standpoint of mental life. Intended to familiarize the student with some of the important results in the scientific study of religion. Open to Juniors and Seniors. Prerequisite, Psychology A. *Three hours for one semester.*

M.—*Philosophy of Religion.* An interpretation of religious phenomena. Intended to help the student in a constructive study of the ultimate problems of religious belief. Open to Juniors and Seniors. Prerequisite, Psychology A. *Three hours for one semester.*

N.—*History of Religion.* An outline study of the history of the principal religions of the world, with special emphasis on Christianity. Open to Juniors and Seniors. *Three hours for one semester.*

PHYSICAL TRAINING

(For Men)

Professor Craver and Mr. MacAndrews

The work in Physical Training is planned as a two year course. Two periods of work weekly are required of all male students of the college during the first two years of residence.

So far as is possible, the work is adapted to the individual. Physical defects are noted and the corrective exercises suggested.

In general the courses are organized along these lines:

I. Outdoor work—Walking, running, jumping, etc.,—non-competitive.

II. Outdoor work—football, baseball, track, tennis,—competitive.

III. Indoor work—calisthenics, non-competitive.

IV. Indoor work—basketball, track, athletics, gymnasium team,—competitive.

(For Women)

The physical and health education of the women of the College is under the supervision of the women's physical director, who makes physical examinations of the individual student and directs their athletic activities.

The young women have the use of a separate gymnasium, and the campus of Metzger College is used for tennis and other out-of-door sports.

The young women are being trained to take interest in health education and in such care of themselves as will likely secure a healthy and efficient body. The success of the plan adopted appears from its results; young women seldom, if ever, are compelled to withdraw from college because of poor health.

PHYSICS

Professor Mohler

A.—*Mechanics, Sound, Heat, Light and Electricity.* Demonstration lectures or recitations. Text—Kimball's "College Physics." *Three hours for the year.*

B.—A laboratory course to accompany Physics A. Exact measurements in Mechanics, Sound, Light and Heat. *Two hours (counting as one) for the year.*

C.—Courses A and B combined.

D.—*Electricity and Photography.* Demonstration lectures or recitations. *Three hours for the year.*

E.—A laboratory course on Light, Electricity and Photography. *Two hours (counting as one) for the year.*

F.—Courses D and E combined.

G.—An advanced course in electrical measurement. Text—Franklin, Crawford and McNutt. *Two hours (counting as one) for the year.*

H.—Text—Houston's "Treatise on Light." *Two hours (counting as one) for the year.*

J.—*Light.* Text—Houston's "Treatise on Light." *Two recitation periods for the year.*

PSYCHOLOGY

(See also Education and Philosophy)

Professor Norcross

A.—*Brief Introduction to General Psychology.* Required of all Sophomores. *Four hours for one semester.*

I.—*Psychology of Adolescence.* Detailed study of the characteristics of Adolescence, with emphasis on the genetic development of the individual and an interpretation of the special problems of youth in educational terms. Open to Juniors and Seniors who have had the equivalent of Psychology A. *Three hours for one semester.*

L.—*Applied Psychology.* Lectures, text-book, and simple experiments illustrating the applications of Psychology to Business and Professional Work. Open to those who have had the equivalent of Psychology A. *Three hours for one semester.*

PUBLIC SPEAKING

Mr. Brosius

A.—The purpose of this course is to give to the student a knowledge of the principles of good reading and speaking. Particular attention is paid to thoughtful and intelligible oral expression, though the technique of articulation, inflection, etc., are not neglected. Required of all Freshmen. *One hour for the year.*

RURAL METHODS

Rev. Charles E. Ely

C.—*Rural Church Methods.* Study of various phases of life of towns, village, and country. Community organization based on the discovered facts, with plans for an efficient rural civilization. Practical problems to be met before any constructive leadership is possible. The church and her place in this leadership.

D.—*Rural Clinic.* Analysis of rural conditions and activities, map-making, church census, economic conditions, budget, evangelism, program building, church equipment.

ROMANCE LANGUAGES AND LITERATURES

Associate Professors Bullock, de Vilaine and Grimm

FRENCH

A.—*Beginners' Course.* Thorough drill in the elements of French Grammar. Special attention to training in pronunciation, dictation, conversation, and composition. Elementary readings. Conducted partly in French. *Three hours for the year.*

B.—*Intermediate French.* Grammar. Conversation and composition based on texts read. Texts chosen from modern French literature. Conducted mainly in French. *Three hours for the year.*

C.—*Advanced French.* For those students who wish to acquire facility in writing and speaking French. Prerequisite for French D. Grammar review; composition and conversation; reading of standard French texts. Conducted in French. *Three hours for the year.*

D.—*Advanced Composition and Conversation.* Open to those students who have attained a grade of at least B in French C, and must be taken by those expecting recommendations to teach French. Lectures on French life, manners, and ideas. Methods of teaching. Conducted entirely in French. *Three hours for the year.*

E.—*Intermediate French.* For Freshmen entering college with two or three years' preparation in High School. Course conducted in French as far as possible. Through review of grammar. Reading of modern French prose. Prose based in part on text. *Three hours for the year.*

F.—*Survey of French Literature.* Readings selected from the works of important writers of the XVIIth, XVIIIth, and XIXth centuries. Library assignments. Class discussions in English. *Three hours for the year.*

SPANISH

A.—Beginners' Course. Thorough drill in the elements of Spanish Grammar. Special attention to training in pronunciation, conversation, and composition. Conducted partly in Spanish. *Three hours for the year.*

B.—Grammar review, composition, conversation. Reading of modern Spanish texts. Methods of teaching. *Three hours for the year.*

ITALIAN

A.—Beginners' Course. In addition to grammatical studies a number of modern plays and stories are read and also some of the classics. A constant effort is made to accustom the student to the spoken language. *Three hours for the year.*

SOCIAL SCIENCE

Professor Patterson

The department affords a broad view of the field of knowledge, enabling the student to find a proper setting and perspective for his other studies, and at the same time find his own relation to the life of the world.

Phenomena of social life, economic, political, educational and religious, are observed in the evolution of institutions and in the rise and fall of nations, present conditions being kept constantly in view and American conditions being specifically analyzed so that the student may be qualified for intelligent, responsible citizenship in addition to receiving great cultural benefit from the investigations.

In the Sophomore year the evolution of social institutions, with emphasis upon the economic and political, is traced in such a way as to qualify the student for advanced study in social problems, principles and policies, and aid him in discerning the significance of social movements and social service agencies,—a survey of fields of social work affording suggestions in vocational guidance.

In the Junior and Senior years opportunity is afforded for the pursuit of more intensive courses in three important fields of social science. These courses acquaint the student in B with an analysis and evaluation of the forces involved in the wealth getting and wealth using activities in society (Economics); in C with the balancing, coördinating and directing of the various social forces to secure social progress (Sociology); in D with the control and direction of these forces through means devised by politically organized units to social ends (Politics).

A.—*Elements of Social Science.* An understanding of the nature of society is afforded in a study of *the origin and development of* (1) social institutions, such as speech, writing, the arts and sciences, marriage and the family, religions, etc.; (2) the maintaining institutions (*Economics*), viz. the tools and processes of production, economic stages, and the correlated development of economic concepts; (3) the protecting, controlling institutions (*Political*), political activities and coördinated organization.

In the light of their historical development, essential to an understanding of great social movements and to an intelligent direction of social evolution, some simpler social problems are considered, and certain fields of social work are presented as opportunities for furthering social progress. Required of all Sophomores. *Three hours for the year.*

B.—*Principles and Problems of Economics.* During the first semester the theory of value, developed in relation to consumption and production, is applied to the problem of distribution in studying rent, interest, wages and profits.

During the second semester, money, credit and banking and the fundamental principles of exchange are studied with reference to the requirements of a good system, the relation of the government to the system, and the involved relation to public finance. *Two or three hours for the year, according to work done.*

C.—*Sociology.* An examination of the bases of groupings, co-operations and conflicts among men, and of the grounds, means and system of social control issuing in social order. Applications of social principles and policies are considered in relation to problems growing out of modern industrial organizations and changes in the family, population, etc. *Three hours for the year.*

D.—*Politics.* A study of the State and government as the means by which society makes its will effective. By a comparative study of principles, organization, and problems in leading governments, emphasis being placed upon our own government (in which tendencies in Federal, State, and Local government are noted) the student is acquainted with tendencies to a new and larger democracy as well as with the actual working of present day democracy. *Two hours for the year.*

E.—*Social Economy. The economic waste involved in some phases of the treatment of the defective, dependent and delinquent elements in society is investigated, and saner, more humane methods are considered. First semester, Defectives and Dependents; second semester, Delinquents. *Two hours.*

F.—*Sociology Applied to Practical Politics. A study of devices for securing social welfare through clearly defined methods of political control, including a survey of social ideas embodied

in our organic and statutory law, particularly as seen in recent labor and penological legislation. *Two hours for the year.*

*G.—*Urban and Rural Community Life.* A study of social conditions—the family, the birth rate, the home, education, political units, resources, leadership, etc.—in city and country, in the light of principles noted in the several fields of social science. *Two hours for the year.*

*H.—*Current Problems.* Social, Economic and Political. *One or two hours each semester according to work done.*

*Courses E, F, G, and H, dealing with the more complex social problems, involving the principles of the different fields of social science, are given according to the qualifications and desires of advanced students.

SPANISH

(*See Romance Languages*)

ZOOLOGY

(*See Biology*)

MATERIAL EQUIPMENT

The campus of eight acres was purchased of the Penns in 1799, and comprises a full square in the Borough of Carlisle. Upon and around it are grouped the principal of the following buildings:

West College, "Old West" (1804), Dormitories, Memorial to Dickinsonians in the World War, Recitation Rooms, and Social Center.

East College (1836), dormitories.

Metzger College (1881), Woman's dormitory.

Tome Scientific Building (1884), Museum and departments of Chemistry and Physics.

Gymnasium (1884).

Bosler Hall (1885), Chapel, Library, and Reading Room.

Denny Hall (1896—Burned 1904—Rebuilt 1905), Biological Laboratories, recitations rooms, Literary Society Halls, and administration offices.

Athletic Field, over six acres, memorial to Herman Bosler Biddle, the gift of his parents, Honorable and Mrs. Edward W. Biddle.

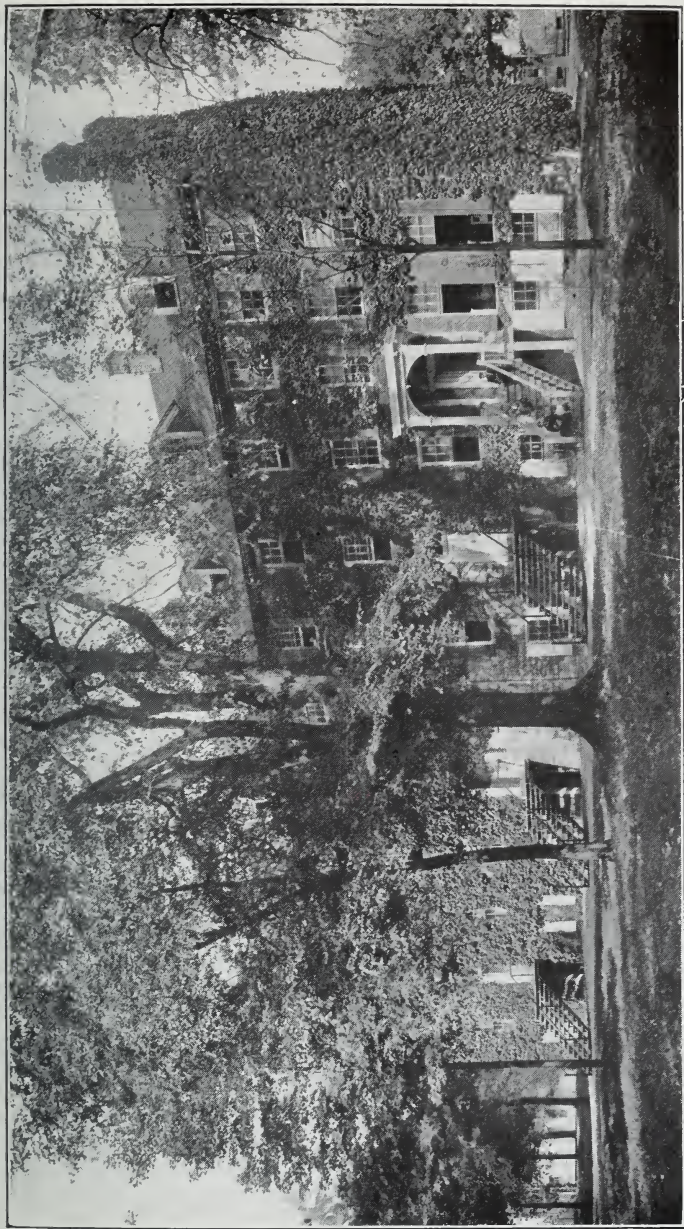
Nine fraternity houses are occupied by fraternity chapters.

PUBLIC WORSHIP

Students are required to attend week-day chapel services, and the regular Sunday morning preaching services of the churches they elect.

GOVERNMENT AND DISCIPLINE

The government and discipline of the College are vested exclusively in the faculty of the College, but the regulation of the life of the student body is left by the faculty largely to the students themselves. The only fixed regulation of the



EAST COLLEGE—1836

college is that students must meet the requirements of *good morals and good citizenship*.

The students of the College undertake to see that there are honest examinations without faculty supervision, and have organized their own court for the purpose of enforcing their regulations in coöperation with the faculty. Report of attention to college duties is made from time to time to students, or to parents or guardians.

ATHLETIC OPPORTUNITIES

The College has a commodious gymnasium, for use in the inclement weather especially. When weather conditions permit out door sports are encouraged. Two men are employed to care for the physical welfare of the student body, both of them experts in their particular work.

The Herman Bosler Biddle Athletic Field of the College is excelled by few anywhere. In fact, it is almost perfect for its purpose, and within easy reach of the College, a constant incentive for young people to engage both in the major competitive sports and in the less strenuous exercises open to all.

COLLEGE BILLS

(For all men and for young women day students.)

General Charge,	\$160.00
Room rent (unfurnished room)	\$25.00 to 50.00
Laboratory—Botanical, Chemical, Physical or Zoö- logical for the year, each	12.50
Athletic and Dickinsonian charge	10.00
Electric light for dormitory (one lamp)	5.00

Day students are not charged for room or light.

Board.—The above does not cover the item of board, which will cost from \$5.00 to \$6.00 per week for the thirty-two weeks of the college year.

Furnishing.—The college dormitory rooms for men are unfurnished. It has been found more satisfactory for two men who are to room together to furnish their own room and be

responsible for their own property than to use furniture belonging to the institution, about whose use there would doubtless be many misunderstandings. Students who desire to economize in this matter can usually purchase furniture at a moderate cost, and sell it to their successors, so that the necessary cost for furniture is really small when spread over four years.

Incidentals.—There are few *necessary* incidental expenses connected with college life at Dickinson. Some men spend a good deal of money—more really than they should; the majority, however, are careful of their expenditure, so that economy in no sense marks a man here as singular or peculiar. Some of the men most careful of their expenditure are most highly honored in the College as shown by their choice as leaders in various activities.

Students presenting scholarships will be credited on general charges for their face value.

(For young women in Metzger College.)

Residents of Metzger College, the women's dormitory, are charged \$485 (subject to change), payable in two installments within ten days of the opening of each semester. This provides for everything, save personal laundry, books, one pair of blankets, sheets, pillow cases, towels, personal toilet articles, and laboratory charges as above. *The entire college bill is \$485.00, for most first year students, to which are added laboratory charges in later years.* Young women from a distance are expected to room in Metzger College. *No young woman will be registered for a room in Metzger College without becoming responsible for the charges for the semester for which she registers;* and prepayment of at least \$50 on the first semester's bill is required before room reservation will be assured.

PAYMENT OF BILLS, ETC.

Students must pay an entrance fee of ten dollars before registration for any year's work—to be credited later on the college bill.

College bills for each semester are presented at the opening of the semester, to be paid within ten days.

Two students from the same family and the children of ministers are allowed a discount of ten per cent.

For a period of continuous absence in excess of four weeks, a reduction of one-half the pro rata charge may be allowed, but only for such excess, provided also that the absence occurs through no fault of the student and is unavoidable. The rooms in the College are secured to the students during term time only. The occupants of rooms are responsible for damage to them. When students injuring property are unknown, the cost of repairs is assessed, toward the close of the college year, upon the whole body of students, as a special damage account. Any student proved to be guilty of wilful destruction of, or damage to, college property, may be required to pay not only the cost of replacement or repair, but also a fine as determined by the faculty, say ten times the cost of repair, said fine to be placed to the credit side of the special damage account.

Failure to adjust college bills may result in exclusion from college, and no student can have honorable dismissal or certificate of advancement until bills have been adjusted.

GOWNS, HOODS, AND CAPS.

The College has adopted the regulations for academic caps and gowns suggested by the Intercollegiate Commission of 1895.

1. Undergraduates may wear on all fitting occasions a black-stuff gown of the Oxford shape, but with no hood.

2. Bachelors of Dickinson College may wear on all fitting occasions a black-stuff gown of the Oxford shape, with hood lined with red silk, crossed by a chevron of white, six inches in breadth.

3. Masters of Dickinson College may wear on all fitting occasions a black silk gown of the Oxford shape, with hood as for Bachelors.

4. Doctors of Dickinson College may wear on all fitting occasions a black silk gown of the Oxford shape, with hood as for Bachelors, trimmed around the exterior edge with a cord or with a band, not more than four inches wide, of silk, satin, or velvet, distinctive of the department to which the degree pertains, as follows: Doctor of Literature, white; Doctor of Divinity, scarlet; Doctor of Laws, purple; Doctor of Philosophy, blue; Doctor of Science, gold-yellow.

With the gown will be worn the Oxford cap, of serge for undergraduates and of broadcloth for graduates, with black tassels, except the cap of the doctor's degree, which may be of velvet with tassels in whole or part of gold thread.

5. Members of the Board of Trustees shall be entitled, during their term of office, to wear the gown and cap of the doctor's degree, with the hood appropriate to the degree that they severally have received. Members of the Board of Trustees, or of the faculty, who have received degrees from other universities or colleges, shall be entitled to wear the costume appropriate to the same degree from Dickinson College, so long as they shall retain their official connection with the college. The President of the College may adopt such distinctive costume or badge as he shall choose, not inconsistent with the foregoing regulations.

COLLEGE ORGANIZATIONS

LITERARY SOCIETIES

The Belles Lettres and the Union Philosophical Societies, purely literary in their character, nearly coeval with the College, have been maintained in continuous operation throughout most of its history. There are two similar societies for young women the Harman Society, founded 1896, and the McIntire Society, founded 1921. Not the least of the advantages of college residence is the special training secured in these societies. For many years the work and worth of these societies have been recognized in the following regulations:

1. No student shall enter any public literary or oratorical contest in connection with the College who shall not have been a member of one of the literary societies for at least three-fourths of the time of his or her connection with the College.

2. No student shall have any public part in the exercises of Commencement Day who shall not have been a member of one of the literary societies for at least one-half of the time of his or her connection with the College.

3. No student will be graduated from the College who fails to meet reasonable financial obligations,

BELLES LETTRES SOCIETY

E. CRANSTON RIGGIN, '25	.....<i>President</i>
WILLIAM MOWRY, '23	.....<i>Vice-President</i>
WILLIAM R. GUFFICK, '25	.....<i>Recording Secretary</i>
ELBERT H. FRITZ, '24	.....<i>Treasurer</i>

UNION PHILOSOPHICAL SOCIETY

WERSTER C. HERZOG, '23	.....<i>President</i>
N. EUGENE TRIEBELS, '24	.....<i>Vice-President</i>
WALTER H. CANON, '26	.....<i>Recording Secretary</i>
JAMES M. MAURER, '23	.....<i>Treasurer</i>

HARMAN SOCIETY

OELLA I. LIGGETT, '23	.....<i>President</i>
ELIZABETH MORGAN, '25	.....<i>Vice-President</i>
GERALDINE W. BAIR, '25	.....<i>Secretary</i>
ESTHER I. RIEGEL, '24	.....<i>Treasurer</i>

McINTIRE SOCIETY

EVELYN WARDLE, '23	<i>President</i>
MABEL FITZGERALD, '23	<i>Vice-President</i>
MARGUERITE PAUL, '25	<i>Secretary</i>
FRANCES E. SMITH, '24	<i>Treasurer</i>

CHRISTIAN ASSOCIATIONS

These Associations in the College are well organized, and do a most useful work. A large number of the students are actively connected with them and are zealous to forward their work.

YOUNG MEN'S CHRISTIAN ASSOCIATION

ALEXANDER K. SMITH, '23	<i>President</i>
J. MAHLON SELBY, '25	<i>Vice-President</i>
ROBERT W. STUCKENRATH, '25	<i>Recording Secretary</i>
ROGER W. HAWN, '23	<i>Treasurer</i>

YOUNG WOMEN'S CHRISTIAN ASSOCIATION

ELIZABETH J. BUCKE, '23	<i>President</i>
M. ELIZABETH CHAMBERS, '24	<i>Vice-President</i>
RUTH W. READ, '24	<i>Secretary</i>
ROSE S. BUCKSON, '24	<i>Treasurer</i>

PHI BETA KAPPA SOCIETY

In September, 1887, the Alpha Chapter of the Phi Beta Kappa Society, the first in the State of Pennsylvania, was organized. Only students finally passed for graduation are eligible to membership, and of these only those of high class standing or giving promise of unusual achievement. Graduates of former years, not below the first fourth of their classes, and men of eminence in professional life, are also eligible to membership.

EDGAR R. HECKMAN, '97	<i>President</i>
MERVIN G. FILLER, '93	<i>Vice-President</i>
CLARENCE J. CARVER, '09	<i>Secretary</i>
FORREST E. CRAVER, '99	<i>Treasurer</i>

THE DICKINSON LIBRARY GUILD

The Dickinson Library Guild, composed of alumni and friends of Dickinson College, was organized in 1903 for the purpose of creating a permanent endowment for the College.

Library. Membership in the Guild consists of those who make an annual contribution to the endowment fund of the library. Members are grouped in five classes, or groups, as follows:

- Class A, all who contribute ten or more dollars per year.
- Class B, all who contribute from five to ten dollars per year.
- Class C, all who contribute three dollars per year.
- Class D, all who contribute two dollars per year.
- Class E, all who contribute one dollar per year.

In accordance with the action of the Board of Trustees of the College, all moneys contributed shall become a part of the permanent endowment fund of the library, the proceeds of which shall be devoted to the sole purpose of purchasing books, by the Faculty Committee on Library. The current expenses of the organization shall be otherwise provided for.

Directors

BRADFORD O. MCINTIRE	<i>President</i>
MERVIN G. FILLER, '93	<i>Secretary-Treasurer</i>
JOHN M. RHEY, Esq., '83;	ROBERT H. CONLYN, '72.

STUDENT ASSEMBLY AND SENATE

For some years the students in their organized capacity have exercised limited government over some of their own internal interests. This student government has applied especially to relations of one class with another, but has also influenced the life of the entire student-body.

The student organization is called the Student Assembly, and the elected governing body is called the Senate.

MEN'S SENATE

JAMES L. BEIGHLE, '23	<i>President</i>
FRANK G. SMITH, '23	<i>Vice-President</i>
WEBSTER C. HERZOG, '23	<i>Secretary</i>
JOHN HAYS, JR., '24	<i>Treasurer</i>

J. Edward Bacon, '23; Albert L. Baner, '23; Ashbrook H. Church, '23; Arthur L. Kinkead, '23; Carl J. Johnson, '23; Howard H. McClure, '23; J. Miles Pheasant, '23; F. Estol Simmons, '23; Morris

E. Swartz, Jr., '23; Guy E. Waltman, '23; Howard D. Bare, '24; Elmer J. Ellsworth, '24; Edward J. Gayner, '24; William P. Kenworthy, Jr., '24; Sidney D. Kline, '24; Robert Madore, '24; Meredith J. Shupert, '24; Samuel E. Templin, '24; John A. Fritchey, '24; Charles C. Wagner, '24; Robert W. Crist, '23, Editor-in-Chief of *The Dickinsonian*; Clyde E. Williamson, President of the Sophomore Class; John J. Schettler, '26, President of the Freshman Class.

MEN'S ATHLETIC ASSOCIATION

JOHN D. YEAGLEY, '24	.....<i>President</i>
ROBERT W. BOOKS, '26	.....<i>Secretary</i>
EDWARD J. GAYNER, '24	.....<i>Treasurer</i>
MEREDITH J. SHUPERT, '24	.....<i>Football Manager</i>
F. KIRK MADDRIX, '23	.....<i>Baseball Manager</i>
FRANK G. SMITH, '23	.....<i>Basketball Manager</i>
MORRIS E. SWARTZ, JR., '23	.....<i>Track Manager</i>
CHARLES T. WILSON, '24	.....<i>Tennis Manager</i>

Advisory Committee—Professor C. William Prettyman, Chairman; Professor Wilbur H. Norcross, Professor Forrest E. Craver, Professor W. H. Hitchler, Professor Joseph P. McKeehan; Hon. Edward M. Biddle, Jr., Carlisle; Edward M. Biddle, Esq., Philadelphia; William D. Boyer, Esq., Scranton; Raphaël Hays, Esq., Carlisle; Dr. Guy Carleton Lee, Carlisle; Robert L. Myers, Esq., Camp Hill; Henry W. Storey, Esq., Johnstown.

WOMEN'S SENATE

ELIZABETH M. DEMARIS, '23	.....<i>President</i>
ROSE S. BUCKSON, '24	.....<i>Vice-President</i>
FRANCES J. WORSTALL	.....<i>Secretary</i>
GERALDINE W. BAIR	.....<i>Treasurer</i>

Members: Anna Hoke, '23, President of the Honor Court; Della Reusch, President of the Metzger College Branch; Elizabeth M. Armstrong, President of the Day Students' Branch; M. Elizabeth Chambers, Junior Member at Large; Anna L. Bennet, Sophomore Member at Large; Ruth M. Riegel, Freshman Member; *Advisory Members*—Elizabeth J. Bucke, President of the Y. W. C. A.; M. Elizabeth Filler, President of the Women's Athletic Association.

WOMEN'S ATHLETIC ASSOCIATION

M. ELIZABETH FILLER, '24	.....<i>President</i>
ESTHER I. RIEGEL, '24	.....<i>Vice-President</i>
FLORENCE C. SPECK, '24	.....<i>Secretary</i>
MARGARET H. PAUL, '25	.....<i>Treasurer</i>

PRIZES, SCHOLARSHIPS AND BENEFICIARY FUNDS

PRIZES

Rhodes Scholarships.—Students of the College are eligible to the scholarships established by the will of the late Cecil Rhodes granting the privilege of three years' residence in study at the University of Oxford, England. Three graduates of Dickinson College have already won this distinction. Announcement is regularly made to the students of the time and conditions of the examinations.

Belles Lettres Society Prizes.—As an incentive to improvement in composition and declamation at an early stage in the college course, the literary societies have each instituted a yearly contest therein for their respective members from the Sophomore class. All the members of this class in the Belles Lettres Society have the option of competing. No contest in 1922.

The Cannon Prize of twenty-five dollars, the gift of Henry P. Cannon '70, Bridgeville, Del., is awarded to that member of the Sophomore class who shall pass the most satisfactory examination in the Mathematics of the Sophomore year, together with the original Geometry of the Freshman year.

Divided, 1922, among Geraldine W. Bair, Carlisle; Henrietta G. Bardo, Jersey Shore, and Ruth W. Bortz, Allentown.

The Achsah Catlett Prize of twenty-five dollars per year, the gift of Mrs. Achsah Catlett, of Berkeley Springs, W. Va., is awarded for the best work done in the course on Rural Church Methods.

Divided, 1922, between John W. Grande, Pocomoke City, Md., and Herbert W. Glasco, Osceola Mills.

The Chi Omega Fraternity Prize of twenty-five dollars, the gift of the Dickinson chapter, is awarded to the young woman student who excels in Sophomore Economics.

Awarded, 1922, to Frances E. Smith, Halifax.

The Clemens Prize of twenty-five dollars, the gift of the Rev. Joseph Clemens, '94, Chaplain, United States Army, is awarded annually to the student of the Junior class, proposing the work of the ministry, who writes the best essay, or sermon, upon some subject bearing upon the work of foreign missions, the essay or sermon not to exceed fifteen hundred words, and to be presented to the President of the College not later than May 1 of each year. A copy of the winning essay or sermon, in typewritten form, shall be forwarded to the donor of the prize.

Awarded, 1922, to Harry W. Witchey, Osceola Mills.

The Charles Mortimer Giffin Prize in English Bible.—This prize, established in memory of the Rev. Charles Mortimer Giffin, D.D., is based upon a fund contributed by his wife, and permanently invested, the income of which shall be used as an award to that member of the Senior Class in English Bible who shall write an essay, on a biblical subject, adjudged to be the best for comprehensiveness of survey, independence of judgment, and excellence of style. A typewritten copy of the prize-winning essay shall be furnished to the donor.

Awarded 1922, to Herbert W. Glasco, Osceola Mills.

The McDaniel Prizes.—Delaphaine McDaniel, Esq., late of Philadelphia, provided for the founding of certain scholarships, to be awarded on the ground of excellence in scholarship. The sum of FIVE THOUSAND DOLLARS was given the College in trust, with provisions that three prizes, equal in amount, be constituted from the annual income, and offered yearly to be competed for by the members of the Freshman and Sophomore classes, and with provision, further, that two of these prizes be awarded, one each, to the two members of the former class and the remaining prize to the member

of the latter class, who, in such way as the authorities of the College prescribe, attain the highest average of excellence in the work of these classes respectively.

Freshman class—First prize, 1922, Andrew J. Smith, Noxen. Second prize, 1922, awarded to Dorothy E. Wilder, Johnstown.

Sophomore class—Awarded, 1922, to Frances E. Smith, Halifax.

The Miller Prize of twenty-five dollars, the gift of Charles O. Miller, Esq., of Stamford, Conn., is awarded to that member of the Freshman class who shall excel in forensic declamation.

Awarded, 1922 to William R. Guffick, Philadelphia.

The John Patton Memorial Prizes, four in number, of twenty-five dollars each, one for each of the college classes, offered by the late Hon. A. E. Patton, of Curwensville, as a memorial to his father, Gen. John Patton, for many years a faithful friend and trustee of the College, are awarded according to conditions established for the Patton Scholarship Prizes maintained for many years by his honored father.

Senior class—Divided, 1922, between Herbert W. Glasceo, Osceola Mills and Laura E. High, Geigers Mills.

Junior class—Awarded, 1922, to Guy E. Rolland, Orwigsburg.

Sophomore class—Awarded, 1922, to Ammon L. Miller, Shamokin.

Freshman class—Awarded, 1922, to Mary Baum, Lemoyne.

The Pierson Prizes for oratory, established by Daniel Pierson, Esq., of Newark, N. J., gold and silver medals, are offered each year to be competed for by members of the Junior class in a public oratorical contest, which contest has for years been placed among the exercises of Commencement week.

No contest in 1922.

The Rees Prize of twenty-five dollars, the gift of the Rev.

Milton S. Rees, D.D., Rochester, N. Y. is awarded to that student who shall excell in English Bible.

Awarded 1922, to Herbert W. Glasco, Osceola Mills.

The James Fowler Rusling Scholarship Prize of fifty dollars, the gift of Gen. James Fowler Rusling, LL. D., '54, Trenton, N. J., is awarded to that member of the Senior class who, at the end of a four years' course, shall be found to excel in scholarship and character, as determined by the faculty.

Divided, 1922, between Herbert W. Glasco, Osceola Mills, and Harry D. Kruse, Vineland, N. J.

The Smith Prize of thirty dollars, the gift of Robert Hays Smith, '98, of San Francisco, Cal., is awarded to that one of the literary societies of the College whose members shall excel in debate.

Awarded, 1922, The Union Philosophical Literary Society.

Union Philosophical Society Prizes.—As an incentive to improvement in composition and declamation at an early stage in the college course, the literary societies have each instituted a yearly contest therein for their respective members from the Sophomore class. All the members of this class in the Union Philosophical Society may compete.

No Contest in 1922.

The Wagg Prize, a gold medal, the gift of A. H. Wagg, '09, of West Palm Beach, Florida, will be awarded to that member of the class in American History who shall present the best competitive essay on an assigned subject pertaining to the life and public services of some distinguished American closely related to Dickinson College as founder, trustee, executive, professor, or alumnus.

Awarded, 1922, to Colbert N. Kurokawa, Honolulu, Hawaii.

The Walkley Prize of fifteen dollars, the gift of W. R. Walkley, D.C.L., in memory of his only son, Winfield Davidson Walkley, who died March 11, 1903, is awarded as a second prize to that member of the Freshman class who shall excel in declamation, either forensic or dramatic.

Awarded, 1922, to Elizabeth D. Hamm, Camden, N. J.

BENEFICIARY FUNDS AND SCHOLARSHIPS

A number of funds and scholarships have been established in various ways by friends of education in general and of the College in particular, and are awarded largely by the donors or by the President to such students as may be in need of financial help. It is doubtful whether the same amount of money expended in any other way would accomplish a greater service in the cause of education than these small sums used to supplement the insufficient means at the command of worthy young people seeking an education. It is hoped that their number may be largely increased by men and women concerned to do good with their means.

The Alumni Loan Fund of fifty dollars, contributed by an alumnus, to be loaned from year to year to students in need of temporary help, to be repaid within a year and again loaned.

Baldwin Memorial Church Scholarship, fifty dollars, proceeds of a contribution of \$1000 made by the Baldwin Memorial Methodist Episcopal Church of Millersville, Md., in 1866, is awarded to such worthy student as may need financial help and as may be named by the said Baldwin Memorial Church. In case no such candidate is thus named, the President of the College may name the beneficiary of the scholarship for any given year.

The M. Grace Bechtel Memorial.—The interest on a ONE THOUSAND DOLLAR ENDOWMENT to be paid annually to that student of Dickinson College who is preparing for entrance into the Christian ministry of the Central Pennsylvania Conference of the Methodist Episcopal Church; or, if there be none such, to that student who is preparing for missionary work under the Board of Foreign Missions of the Methodist Episcopal Church.

The Bodine Scholarship of fifty dollars, established by George I. Bodine, Jr., Esq., of Philadelphia.

The Arthur Milby Burton Scholarship of fifty dollars, established by Miss Mary R. Burton, for the education of worthy

young men for the ministry, preference being given to applicants residing within the limits of the Philadelphia Conference.

The Chandler Scholarship of twenty-five dollars, the gift of D. Harry Chandler, of Vineland, N. J.

The Nathan Dodson Cortright Memorial Scholarship of fifty dollars, established by Mrs. Emma L. Keen, of Philadelphia, as a memorial to her father, Nathan Dodson Cortright, is awarded annually to young men preparing for the ministry.

The William K. Dare Scholarship, in memory of William K. Dare, class of '83, Professor of Education and Psychology, 1893-99. The scholarship is to be given in the discretion of the President to some young man who has completed his sophomore year, of good mind, good character and studious habits, and to whom financial aid would be of real assistance in the continuance of his college course. The scholarship is one hundred dollars, and is the gift of Lemuel T. Appold, Esq., Baltimore, Md., the life-long friend of Professor Dare.

The Smith Ely Scholarship, endowed by the Hon. Smith Ely, of New York City, in the sum of eleven hundred dollars, students from New York City and vicinity having prior claim.

The Freeman Scholarship of fifty dollars, established by Frank A. Freeman, Esq., of Philadelphia.

The John Gillespie Memorial Scholarship, interest on one thousand dollars, the gift of Miss Kate S. Gillespie, daughter of John Gillespie, Esq., late of Philadelphia, as a memorial to her father.

The Horn Scholarship.—The income from \$1000, contributed by J. Edward Horn, of Philipsburg, Pa., to be awarded to some worthy student of the College preparing for useful service.

The Bruce Hughes Scholarship—Interest on \$950.

The Lockyer Scholarship of fifty dollars, established by Mark B. Lockyer, Esq., of Philadelphia.

The Stephen Martindale Morgan Scholarship of twenty-five dollars, established by Mrs. Minnie Speer Morgan as a memorial to her late husband, for the education of worthy young men preparing for the ministry, preference being given to applicants residing within the limits of the Wilmington Conference.

The Theodore F. Miller Scholarship of fifty dollars, the gift of Theodore F. Miller, Esq., of Philadelphia.

The Valeria Schall Scholarship of twenty-five dollars is used in assisting such young men as, in the estimation of the President and faculty of the college, are of good character, scholarly habits, and deserving of assistance, and who are approved candidates for the Christian ministry.

The Charles T. Schoen Scholarship, ten in number, of fifty dollars each, established by the late Charles T. Schoen, of Philadelphia, are awarded annually to such young men and women as may be designated by the President.

The Arnold Bishop and Mary Agnes Shaw Scholarship, the annual income from twelve hundred fifty dollars (\$1250), the contribution of their children, Miss Clara W. Shaw, Mrs. Bertha Shaw Nevling, Mrs. Jeanne Shaw Bailey, Calvin Bishop Shaw, Charles M. Shaw, each contributing two hundred fifty dollars (\$250). The donors may designate annually some worthy young person in the College in need of financial help. If no such designation is made by the donors, the President of the College may designate such person, preference to be given to applicants residing in the Central Pennsylvania Conference and to such worthy young men preparing for the ministry.

The A. Herr Smith Scholarship, endowed, averaging one hundred dollars a year, is the gift of the late Miss Eliza E. Smith, of Lancaster, in memory of her brother, the late Hon. A. Herr Smith.

The Captain John Zug Steese Scholarship, the interest on a one thousand dollar endowment, the gift of his

mother, Mrs. Anna Zug Schaeffer Steese, of Mt. Holly Springs, Pa., who has sent four sons to Dickinson, all of whom later served their country with distinction as commissioned officers of the army during the World War, to be awarded annually by the President of the College to some young man who has completed his sophomore year in the upper third of his class excelling especially in mathematics; who has engaged successfully in athletics, music, dramatics, or other extra-curriculum activities; and to whom financial aid would be a real assistance in helping him to continue his college course. The recipient shall write a brief note of acknowledgment to the donor or to her estate outlining his previous education and experience.

The Cornelia Thumm Scholarship, the annual interest on nine hundred and fifty dollars, the legacy of the late Mrs. Cornelia A. Thumm, of Philadelphia, is used to aid such students as may be designated by the President.

The Ella Stickney Willey Scholarship of fifty dollars, established by Mrs. Ella Stickney Willey, of Pittsburgh, Pa., is awarded annually to such students as may be designated by the donor or by the President.

The Rev. William Wood Scholarship of fifty dollars, the gift of Miss Sarah Wood, of Trenton, N. J., is awarded annually to such students as may be designated by the donor or by the President.

BLANK FORMS FOR WILL BEQUESTS

I give and bequeath to the "Trustees of Dickinson College, in the County of Cumberland, in the Borough of Carlisle," incorporated under the laws of the State of Pennsylvania, the sum of..... dollars; and the receipt of the Treasurer thereof shall be sufficient discharge to my executors for the same.

In devises of real estate observe the following:

I give and devise to “The Trustees of Dickinson College, in the County of Cumberland, in the Borough of Carlisle,” incorporated under the laws of the State of Pennsylvania, the following land and premises that is to say.....
.....to have and hold the same, with the appurtenances to the said Board, its successors and assigns, forever.

Persons making bequests and devises to the Board of Trustees or knowing that they have been made, are requested to notify the President of the College, Carlisle, Pa., and, if practicable, to enclose a copy of the clause in the will, that the wishes of the testators may be fully known and recorded.

Persons making bequests who may desire to have the bequests devoted to some particular purpose, such as general endowment, or the endowment of a chair, or for the endowment of a scholarship, should make specific mention of the same in the will provision.

REGISTER OF STUDENTS

C.—Classical Course, Degree A.B.

Ph.—Philosophical Course, Degree Ph.B.

Sc.—Scientific Course, Degree Sc.B.

When no other state is mentioned residence is in Pennsylvania.

SENIORS

Name	Course	Residence
Armstrong, Elizabeth M.....	C.....	Carlisle
Babcock, Joseph D.....	Ph.....	Coscob, Conn.
Bacon, J. Edward.....	Ph.....	Glencoe, Md.
Baner, Albert L.....	C.....	Salem, N. J.
Barnes, B. Harry.....	C.....	Coatesville
Beighle, James L.....	Ph.....	New Castle
Booty, Ruth A.....	C.....	Bedford
Brackbill, J. Earle.....	Sc.....	Spruce Hill
Bucke, Elizabeth J.....	Sc.....	Sunbury
Church, Ashbrook H.....	Sc.....	Cape May, N. J.
Conklin, Helen.....	C.....	Bayonne, N. J.
Crist, Robert W.....	Ph.....	Harrisburg
Daugherty, John H., Jr.....	Ph.....	Williamsport
Demaree, Albert L.....	C.....	Bloomsburg
DeMaris, Elizabeth M.....	C.....	Asbury Park, N. J.
Epright, Eleanor W.....	C.....	Altoona
Eshelman, Lloyd W.....	Ph.....	Shippensburg
Eslinger M. Margaret.....	Sc.....	Berwick
Ewing, Ruth E.....	C.....	Spruce Hill
Fagan, Edward J.....	Ph.....	Chester
Fitzgerald, Mabel.....	C.....	Carlisle
Fitzgerald, May.....	C.....	Carlisle
Frankenberry, Mary E.....	Ph.....	Lewistown
Garland, Mary C.....	C.....	Harrisburg
Goodyear, Donald H.....	Ph.....	Carlisle
Haas, Louis J.....	C.....	Harrisburg
Hawn, Roger W.....	Ph.....	Erma, N. J.
Heller, Leighton J.....	C.....	Clementon, N. J.
Herzog, Webster C.....	C.....	Bechtelsville
Hilbish, Florence M.....	C.....	Espy

Name	Course	Residence
Hoke, Anna.....	C.....	Shippensburg
Hoover, Edith G.....	C.....	Carlisle
Irwin, Harold S.....	Ph.....	Doylestown
Johnson, Carl J.....	Ph.....	Lanese
Johnston, Vernon N.....	C.....	Strasburg
Keller, Harold W.....	C.....	Philadelphia
Kimmel, Alta M	C.....	Carlisle
Knowles, Virgil M.....	Ph.....	Seaford, Del.
Leeds, Esther M	C.....	Harrisburg
Lehman, Rowland R.....	C.....	Williamsport
Liggett, Oella I	C.....	Carlisle
Line, Dorothy C.....	C.....	Carlisle
Line, Mary K.....	Ph.....	Carlisle
McClure, Howard H.....	C.....	Shamokin
Maddix, F. Kirk.....	C.....	Marcus Hook
Maurer, James M.....	Ph.....	Minersville
Mowry, William.....	C.....	Mann's Choice
Mullon, Harry B.....	C.....	Great Neck Station, N. Y.
Mutzabaugh, Regis T.....	Ph.....	Holidaysburg
Nearhoof, Victor T.....	C.....	Warrior's Mark
Nutter, Eva P	C.....	Hillcrest, Del.
Pearson, Ward B.....	C.....	Jersey Shore
Peterman, Mary B.....	C.....	Royersford
Pheasant, J. Miles.....	C.....	Mapleton Depot
Reupsch, Della.....	C.....	Cape May, N. J.
Riggin, E. Cranston.....	C.....	Crisfield, Md.
Rolland, Guy.....	C.....	Orwigsburg
Scheirer, Harold K.....	Sc.....	Bound Brook, N. J.
Shaub, Helen E.....	C.....	Lancaster
Simmons, F. Estol.....	C.....	Johnstown
Smith, Alexander K.....	C.....	Philadelphia
Smith, Charles A.....	C.....	Hebron, Md.
Smith, Frank G.....	Ph.....	Brisbin
Stoner, Carl B.....	C.....	Harrisburg
Swartz, Morris E., Jr.....	C.....	Baltimore, Md.
Trumbower, Bruce G.....	C.....	Hunlock Creek
Waltman, Guy E.....	C.....	Orwigsburg
Wardle, Evelyn.....	C.....	Scranton
Weakley, Esfher E.....	C.....	Boiling Springs
Witchey, Harry W.....	C.....	Osceola Mills
Wrightson, James O	C.....	Frederick, Md.
Yeingst, Olivette.....	Ph.....	Mt. Carmel
Yeingst, Violette.....	Ph.....	Mt. Carmel

JUNIORS

Name	Course	Residence
Bair, Geraldine W.....	C.....	Lemoyne
Bardo, Henrietta G.....	C.....	Jersey Shore
Bare, Howard D.....	C.....	Philadelphia
Bortz, Ruth W.....	Ph.....	Allentown
Boyd, R. Wayne.....	Ph.....	Parkesburg
Buckson, Rose S.....	C.....	North East, Md.
Burkholder, Paul R.....	C.....	Chambersburg
Burn, Charles W.....	Ph.....	Bayonne, N. J.
Chambers, M. Elizabeth.....	C.....	Lansdowne
Cooper, Gladys.....	C.....	Clearfield
Crawford, S. Elizabeth.....	C.....	Mechanicsburg
Crowding, Walter L.....	C.....	West Fairview
Cunkle, Margaret L.....	C.....	Harrisburg
Davidson, Ellis B.....	C.....	Mechanicsburg
Davies, Mary W.....	Ph.....	Carlisle
Davis, Dorothy A.....	C.....	Harrisburg
Diener, Mary.....	C.....	Reading
Dubson, Mary S.....	Ph.....	Spring City
Eberly, Norman M.....	C.....	Shermansdale
Ellsworth, Elmer J.....	Sc.....	Schuyler Lake, N. Y.
Embery, Joseph R. Jr.....	C.....	Philadelphia
Eppley, Clair M.....	Ph.....	Carlisle
Faddis, Robert E.....	Ph.....	Parkesburg
Farrar, James A.....	C.....	Federal
Filler, M. Elizabeth.....	C.....	Carlisle
Foster, Huston G.....	Ph.....	Kenilworth, N. C.
Franke, Robert L.....	C.....	Johnstown
Fritchey, John A.....	Ph.....	Harrisburg
Fritz, Elbert H.....	C.....	Freeland
Fry, Charles S.....	Ph.....	Carlisle
Gayner, Edward J.....	C.....	Salem, N. J.
Geyer, A. Flo.....	C.....	Chambersburg
Givler, Esther K.....	C.....	Boiling Springs
Glatfelter, Stuart E.....	C.....	Harrisburg
Grafflin, Dorothy E.....	C.....	New York City
Greene, Thelma E.....	C.....	Altoona
Gress, LeRue E.....	C.....	Camp Hill
Gulden, J. Albert.....	C.....	Carlisle
Hagerty, Jane.....	C.....	Clearfield
Hays, John, Jr.....	Sc.....	Carlisle
Hearn, Raymond E.....	Ph.....	Edelman
Henninger, F. LaMont.....	C.....	Williamsport

Name	Course	Residence
Herr, Paul M.....	Ph.....	Carlisle
Hess, Monroe H.....	Ph.....	Philadelphia
Hess, Paul R.....	Sc.....	Chambersburg
Hinkle, Gordon F.....	C.....	Harrisburg
Holmes, Fred V.....	C.....	Bloomsburg
Houseman, William H.....	Ph.....	Carlisle
Houston, M. Genevieve.....	C.....	Carlisle
Houston, Jeraldine A.....	C.....	Carlisle
Johnston, Hugh K.....	Ph.....	Bellefonte
Johnston, Philip H.....	Ph.....	Bellefonte
Keen, Marion C.....	C.....	Wiconisco
Keller, William T.....	Ph.....	Marysville
Kelley, Janet A.....	C.....	Newville
Kenworthy, William P., Jr..	Sc.....	Parkesburg
Kinkad, Arthur L.....	Sc.....	Clearfield
Kline, Sidney D.....	C.....	West Reading
Knouff, Joseph W.....	C.....	Harrisburg
Koller, Mary E.....	C.....	Mechanicsburg
Kurtz, Kenneth S.....	C.....	Harrisburg
Kutner, Charles.....	Sc.....	Camden, N. J.
Logan, Arthur G.....	Sc.....	Asbury Park, N. J.
Lyon, Isadore B.....	Sc.....	Hagerstown, Md.
Madore, Robert.....	C.....	Bedford
Manahan, Sara E.....	C.....	Harrisburg
Markle, Charles J.....	C.....	Mill Hall
Mercurio, Annette.....	C.....	Harrisburg
Michael, Naomi H.....	C.....	Harrisburg
Miller, Ammon L.....	Ph.....	Shamokin
Morgan, Elizabeth.....	Ph.....	Bridgeville, Del.
Myers, Elvin C.....	C.....	Harrisburg
Nailor, M. Evelyn.....	C.....	Camp Hill
Paul, Margaret H.....	Ph.....	Harrisburg
Randolph, N. Earl.....	Sc.....	Trenton, N. J.
Read, Ruth W.....	C.....	Camden, N. J.
Riegel, Esther I.....	C.....	Enola
Rinker, B. Floyd.....	C.....	Mt. Union
Ritzman, D. Carl.....	Ph.....	Port Royal
Rogers, Horace E.....	Sc.....	Red Bank, N. J.
Santella, Angelo.....	C.....	Altoona
Schrank, Ellwood R.....	C.....	Elizabethtown
Seeley, Harold A.....	Ph.....	Shamokin
Sell, Paul R.....	Sc.....	Orwigsburg
Sheedy, Ann Davies.....	Ph.....	Carlisle

Name	Course	Residence
Shelley, Rachael.....	C.....	Mechanicsburg
Shupert, Meredith J.	C.....	Conshohocken
Simonetti, Leon S.....	C.....	Harrisburg
Smith, Frances E.....	C.....	Halifax
Smith, Paul J.....	Ph.....	Lemoyne
Stegmeier, Alva M.....	Ph.....	Allentown
Stevens, F. Katherine.....	Ph.....	Shirleysburg
Strain, Samuel W.....	Ph.....	Littlestown
Sumwalt, A. Louise.....	C.....	Wilmington, Del.
Switzer, Leona D.....	C.....	Harrisburg
Templin, Samuel E.....	C.....	Reading
Tobias, Lulu T.....	C.....	Jersey Shore
Triebels, N. Eugene.....	Ph.....	Clearfield
Wagner, Charles C.....	Sc.....	Hanover
Wagner, G. Stuart.....	Sc.....	Harrisburg
Watts, Virginia R.....	C.....	Harrisburg
Weisenfluh, Norman N.	C.....	Old Forge
Wilson, Charles T.	Ph.....	Wilmington, Del.
Wilson Helen I.	C.....	Boiling Springs
Wilson, Mildred E.	C.....	Mechanicsburg
Witwer, Albert M., Jr.	C.....	Philadelphia
Yeagley, John D.	Sc.....	York
Zimmerman, Margaret E. ..	C.....	Carlisle

SOPHOMORES

Alabran, Max V.	Ph.....	Ridgway
Banks, Hugh M.	Ph B.....	Mifflintown
Bare, Ray S.	Sc.....	New Cumberland
Baum, Mary	Ph.....	Lemoyne
Beckley, Daniel W.	Sc.....	Bloomsburg
Bennett, Anna L.	Sc.....	Trenton, N. J.
Blauvelt, Violet R.	C.....	Lincoln Park, N. J.
Bordner, Thomas B.	Sc.....	Wernersville
Bozarth, Marion E.	Sc.....	Glendora, N. J.
Bratton, John B.	Ph.....	Carlisle
Caldwell, James F. B.	Ph.....	Carlisle
Carter, Frank E., Jr.	C.....	Johnstown
Clemens, Mary	Ph B.....	Harrisburg
Collins, Paul N.	C.....	Philadelphia
Craig, M. Elizabeth	C.....	Shippensburg
Creps, John E.	C.....	Rouzerville
Cromwell, G. Custer	C.....	Baltimore, Md.
Cummings, Edwin J.	C.....	Cape May, N. J.
Dailey, Cornelius M.	Ph.....	Steelton

Name	Course	Residence
Daugherty, Katharine H....	C.....	Williamsport
Davey, George M.....	C.....	Allentown
Dean, W. Knowles.....	Ph.....	Newport
Evans, Mary K.....	Ph.....	Norristown
Fitzgerald, Della.....	Ph.....	Carlisle
Frazier, G. Thurston.....	C.....	Carlisle
Fry, A. Abram.....	Sc.....	Harrisburg
Fry, Chloe O.....	Sc.....	Camp Hill
Furniss Howard D.....	Sc.....	Bethel, Del.
Goodall, Ralph E.....	Sc.....	Barnesboro
Goodyear, Frank J., Jr.....	C.....	Harrisburg
Green, L. Vance.....	Ph.....	Altoona
Greenawald, John A.....	C.....	Schnecksville
Groner, Mildred D.....	C.....	Altoona
Guffick, William R.....	C.....	Philadelphia
Haddon, Charles M.....	Ph.....	Haddonfield, N. J.
Hagen, John F.....	Ph.....	Paterson, N. J.
Hamilton, Edgar H.....	Ph.....	Johnstown
Hamilton, John M.....	Ph.....	Johnstown
Hann, Elizabeth D.....	C.....	Camden, N. J.
Hawk, Fern E.....	Sc.....	York
Heim, Gladys B.....	C.....	Highspire
Hendren, Melvin W.....	C.....	Lewistown
Herritt, Hamilton H.....	Ph.....	Jersey Shore
Holt, Irvin.....	Ph.....	Collingdale
Hubley, Walter W.....	C.....	Warren
Hurst, Elizabeth.....	C.....	Mechanicsburg
Hutchison, A. Witt.....	Sc.....	Lewistown
Jewells, H. Paul.....	C.....	Tamaqua
Kail, Maurice W.	C.....	Philadelphia
Keatley, G. Harold.....	Ph.....	Fleming
Kivko, Michael.....	C.....	Mt. Carmel
Klemm, Eleanor M.....	C.....	Harrisburg
Knupp, Mary E.....	C.....	Harrisburg
Laise, Herbert F.....	C.....	Bunker Hill, W. Va.
Learned, A. Carola.....	C.....	Carlisle
Lehman, George F.....	Ph.....	Newberry
Leopold, W. Randall.....	C.....	Lewistown
LeVan, Paul S.....	C.....	Carlisle
Long, Jacob A.....	C.....	Mill Hall
Lyon, Norman W.....	Sc.....	Wyalusing
McCahan, Walter D.....	C.....	Harrisburg
McCrea, Elizabeth N.....	C.....	Newville
McCullough, J. Talbot.....	Sc.....	Carlisle

Name	Course	Residence
McDermott, Sara L.....	C.....	Carlisle
McHenry, Sylvan W.....	C.....	Berwick
Makibbin, Anna M.....	C.....	Harrisburg
Mann, E. Harold.....	Sc.....	York
Meyer, George W.....	C.....	West Cape May, N. J.
Mickey, R. Lynn.....	Sc.....	Oakville
Miller, Gerald H.....	Sc.....	Vineland, N. J.
Miller, Mary C.....	C.....	Bellwood
Mincemoyer, Floyd A.....	Ph.....	Mechanicsburg
Morgenthaler, Wendell.....	Ph.....	Harrisburg
Mohr, John P.....	Ph.....	Fogelsville
Mountz, R. Mae.....	C.....	Harrisburg
Moyer, John H.....	A. B.....	Schaefferstown
Nebinger, Rankin A.....	Sc.....	Lemoyne
Negley, Paul L.....	Ph.....	New Cumberland
Nichols, Ransom B.....	C.....	Smyrna, Del.
Nickey, Thelma Y.....	C.....	Harrisburg
Oakes, Edith L.....	C.....	Pitman, N. J.
Olewiler, Horace N.....	C.....	Philadelphia
Pass, Mary K.....	C.....	Harrisburg
Pentz, Luella M.....	C.....	Harrisburg
Platt, John H.....	Sc.....	Haddon Heights, N. J.
Porteus, Erma M.....	C.....	Berwick
Price, Dorothy M.....	C.....	Woodbury, N. J.
Rabold, C. Norris.....	C.....	Altoona
Raine, Blanche L.....	C.....	Harrisburg
Remley, Donald C.....	C.....	Waterville
Ringleben, Hazel M.....	Ph.....	Hazleton
Rivera, De Artagnan.....	Sc.....	Bayamon, P. R.
Rock, John F.....	C.....	Scranton
Roddie, John W.....	C.....	New York City
Schuchart, Paul M.....	C.....	Altoona
Selby, J. Mallon.....	C.....	Cabin John, Md.
Shellenberger, Anna M.....	C.....	Willow Street
Sherk, Mary A.....	C.....	Camden, N. J.
Shoop, John E.....	Sc.....	Coxestown
Shuler, Catharine G.....	C.....	Williamsport
Simmons, A. Harvey.....	C.....	Scranton
Sloan, W. Harold.....	C.....	Binghamton, N. Y.
Smith, Andrew J.....	C.....	Noxen
Smith, Douglass M.....	Ph.....	Bethlehem
Smith, M. Catherine.....	C.....	Ocean City, N. J.
Solenberger, Herbert A.....	Ph.....	Winchester, Va.
Speck, Florence C.....	C.....	Carlisle

Name	Course	Residence
Stenger, Benjamin L.....	C.....	Mercersburg
Stuckenrath, Robert W.....	C.....	Harrisburg
Thomas, Mary Estelle.....	C.....	Mechanicsburg
Tilt, Edwin M.....	Ph.....	Paterson, N. J.
Tompkins, Edwin W.....	Ph.....	Emporium
Updegraff, Russel B.....	Ph.....	New Cumberland
Valiant, Dorothy P.....	C.....	Royersford
Van Camp, Mary E.....	C.....	Plainfield
Wagner, Norman R.....	C.....	Mt. Union
Wallace, Clarence M.....	Sc.....	Middletown
Warren, Charles L.....	C.....	Shippensburg
Weise, John W.....	C.....	Port Royal
Wertz, E. Amanda.....	C.....	Harrisburg
Wiener, Helen L.....	Ph.....	Carlisle
Wiest, W. Irvine.....	C.....	Shamokin
Wilder, Dorothy E.....	C.....	Johnstown
Williams, Martha E.....	Ph.....	Carlisle
Williamson, Clyde E.....	C.....	Williamsport
Woodruff, Robert S.....	Ph.....	Lewistown
Worstall, Frances J.....	Ph.....	Millville, N. J.
Ziegler, George L.....	C.....	Greencastle

FRESHMEN

Abrahams, Robert D.....	Philadelphia
Alvord, Henry B.....	C..... Vineland, N. J.
Antonio, Joseph.....	C..... Bolivar
Appleby, Helen M.....	C..... Harrisburg
Armstrong, George H.....	C..... Upperco, Md.
Aubrey, Edgar R.....	Ph..... Catasauqua
Baird, Erma M.....	C..... Eldorado
Batten, Corelli.....	C..... Hatboro
Bayley, Frank C.....	C..... Baltimore, Md.
Berkey, Helen.....	C..... Bolivar
Bitner, Nevin L.....	Ph..... Chambersburg
Books, Robert G.....	Ph..... Harrisburg
Booz, E. Elizabeth.....	Ph..... Mechanicsburg
Bowman, W. Kenneth.....	Ph..... Johnstown
Bratton, McCune.....	Ph..... Carlisle
Brennan, James M.....	C..... Emporium
Brenneman, Emma H.....	Ph..... Carlisle
Brought, Lucinda J.....	C..... Juniata
Buchanan, Milton J.....	Ph..... Honesdale
Bucher, Helen M.....	Ph..... Carlisle
Burns, Mary V.....	C..... Luzerne
Burrus, Marvin E.....	Sc..... East Stroudsburg

Name	Course	Residence
Bush, Harry L.....	Sc.....	Park Ridge, N. J.
Byers, Helen.....	C.....	Mechanicsburg
Caldwell, Mary Jane H.....	C.....	Carlisle
Canon, Walter H.....	C.....	Philadelphia
Carpenter, Clyde E.....	Ph.....	Jersey Shore
Carr, Henry W.....	Ph.....	Jamesburg, N. J.
Carter, Robert E.....	Ph.....	Altoona
Chambers, Ruth A.....	C.....	Lansdowne
Chase, William C.....	C.....	Clearfield
Cherchesky, Louis.....	C.....	Philadelphia
Claster, Harold.....	Sc.....	Harrisburg
Cohen, Louis.....	C.....	Mt. Carmel
Corbin, LeRoy K.....	Sc.....	Altoona
Cover, Clarence A.....	C.....	Highspire
Craig, Helen G.....	Sc.....	Carlisle
Craige, T. Houston, 2nd.....	C.....	Meshoppen
Davidson, Marian S.....	Ph.....	Bedford
Davis, Lloyd G.....	C.....	Baltimore, Md.
Dobbins, Samuel A.....	C.....	Hackensack, N. J.
Dodson, Lavere A.....	C.....	Newark Valley, N. Y.
Dougherty, Daniel.....	C.....	Nesquehoning
Dougherty, Mathues P. A.....	Ph.....	Ridley Park
Douglass, Helen P.....	C.....	Harrisburg
Drum, Robert B.....	C.....	Harrisburg
Earley, Raymond H.....	Ph.....	Carlisle
Enck, Lloyd E.....	Ph.....	Allen
Ennis, W. James.....	C.....	Pocomoke City, Md.
Ensor, Dorsey A.....	C.....	Fowblesburg, Md.
Evans, Ralph O.....	C.....	Lancaster
Fasick, Florence W.....	C.....	Carlisle
Faust, Miriam O.....	Sc.....	Lemoyne
Frew, Harry B.....	Ph.....	Paradise
Fry, Edna M S.....	C.....	Philadelphia
Frycklund, Harry M.....	Ph.....	Carlisle
Gardner, Caroline B.....	C.....	Morsemere, N. J.
Gelb, Morris B.....	C.....	Old Forge
Green, J. Maffitt.....	Ph.....	Baltimore, Md.
Greene, Leroy M.....	C.....	Oberlin
Gress, Margaret R.....	Ph.....	Camp Hill
Groff, George A.....	C.....	Steelton
Gugliamucci, Dan A.....	Ph.....	Altoona
Halbert, C. Elizabeth.....	C.....	Harrisburg
Hall, Floy.....	Ph.....	Carlisle
Harman, Janet E.....	C.....	Mt. Holly Springs
Harter, Ellsworth E.....	C.....	Hollidaysburg

Name	Course	Residence
Hartzell, J. Franklin.....	Ph.....	Mt. Holly Springs
Heffner, John E.....	C.....	Coatesville
Henwood, Roy T.....	C.....	Dunmore
Herman, Marion L.....	C.....	Enhaut
Hertzler, Vernon.....	Ph.....	Carlisle
Hofer, Theodore K.....	Sc.....	Plainfield, N. J.
Hoffsommer, Robert D.....	C.....	Harrisburg
Hoy, Charles P.....	Ph.....	Carlisle
Hoyer, Anna E.....	C.....	Harrisburg
Hurwitz, Solomon.....	C.....	Harrisburg
Huston, Mildred.....	C.....	Carlisle
Jackson, Lillian L.....	C.....	Winchester, Va.
Johnson, Carl H.....	C.....	Millville, N. J.
Jones, Kenneth S.....	C.....	Tremont
Keeney, Myrtle R.....	C.....	Harrisburg
Keller, Ellsworth S.....	C.....	Dunmore
Kelley, Sidney T.....	Sc.....	Tyrone
Klopp, Daniel P.....	C.....	Lebanon
Koscherak, Charles M.....	Ph.....	East Stroudsburg
Kulp, Donald D.....	C.....	Wilkes-Barre
LaCoe, Wendell J.....	C.....	Clarks Summit
Lee, John H.....	C.....	Madera
Leinbach, Mary E.....	C.....	Carlisle
Lewis, Grace E.....	C.....	Salem, N. J.
Lewis, Howard W.....	Sc.....	Newville
Liggett, Clare R.....	C.....	Carlisle
Lingle, John S.....	Sc.....	Harrisburg
Lloyd, Helen S.....	Ph.....	Carlisle
Logan, Dorothy F.....	C.....	Penfield
Long, Florence H.....	C.....	Lemoyne
Luebert, Forence E.....	C.....	Coatesville
MacKinnon, Donald S. . . .	Sc.....	Long Beach, Calif.
MacLachlan, William A.....	C.....	Philadelphia
McCormick, Mildred M.....	C.....	Enola
McDermott, Mary E.....	C.....	Carlisle
McKelvey, John W.....	C.....	Bellefonte
Maconaghy, Samuel J.....	C.....	Quarryville
Madore, Elizabeth.....	Ph.....	Bedford
Mahaley, John W.....	C.....	Hanover
Mahoney, William J., Jr....	Sc.....	Carlisle
Manby, William H., Jr.....	Ph.....	Lancaster
Marks, Russell E.....	C.....	Steelton
Meck, S. Kathryn.....	C.....	Harrisburg
Meminger, W. Clarence.....	Sc.....	Spruce Hill
Mihachik, Alfred D.....	C.....	Brooklyn, N. Y.

Name	Course	Residence
Miller, Marlin F.....	C.....	Tyrone
Miller, Theodore E.....	C.....	Berrysburg
Milligan, John P.....	C.....	Cape Charles, Va.
Mitchell, Horace B. 2nd.....	C.....	Germantown
Montgomery, Maurice F.....	C.....	Kimberton
Moyer, Alma B.....	C.....	Kulpmont
Naylor, Evelyn L.....	Ph.....	Carlisle
Nycum, John W.....	Sc.....	Everett
Nye, Francis H.....	Sc.....	Fayetteville
Oberholtzer, Kathryn A.....	C.....	Columbia
Olewine, George E.....	Sc.....	Altoona
Pacheco, Enrique.....	Sc.....	Cartago, Costa Rica
Parker, Claude W.....	Ph.....	Washington, D. C.
Parrish, Joseph A.....	Ph.....	Bellefonte
Parsons, M. Alice.....	Ph.....	Westfield
Patterson, Margaret E.....	C.....	Burnham
Paul, Marguerite.....	Ph.....	Frederick Junction, Md.
Peffer, Garvin R.....	C.....	Kingston
Peters, Walton B.....	Sc.....	Baltimore, Md.
Poticher, Cecil H.....	Ph.....	Carlisle
Price, Marion R.....	C.....	East Stroudsburg
Prior, Jane L.....	Ph.....	Williamsport
Prutzman, C. Darrell.....	C.....	Luzerne
Pryor, Esther K.....	Sc.....	Lemoyne
Purdon, James R.....	Ph.....	Clearfield
Rahn, Irving S.....	C.....	Steelton
Read, Mary E.....	C.....	Atlantic City, N. J.
Reseigh, Arthur S.....	C.....	Mt. Carmel
Rickabaugh, Charles D.....	Ph.....	Carlisle
Ridgely, H. Monroe.....	C.....	Hagerstown, Md.
Riegel, Ruth M.....	Sc.....	Enola
Robinson, John M.....	Ph.....	Philadelphia
Robinson, R. Stuart.....	Ph.....	Philadelphia
Rogers, J. Milton.....	C.....	Aberdeen, Md.
Roney, William S.....	Ph.....	Carlisle
Ross, William G.....	C.....	Enola
Roth, James S.....	C.....	Steelton
Runkle, Charles S.....	C.....	Mt. Holly Springs
Sampson, C. Francis.....	Ph.....	East Stroudsburg
Sayers, George G.....	Sc.....	Carlisle
Schettler, John J.....	Sc.....	Ocean Grove, N. J.
Schlossback, Benjamin.....	Ph.....	Bradley Beach, N. J.
Schroeder, Earl M.....	C.....	York
Schwalm, Leslie J.....	C.....	Donaldson
Shenk, Violet M.....	C.....	Dickinson

Name	Course	Residence
Shields, William S.....	Ph.....	Frostburg, Md.
Shissler, Wilhelm E.....	C.....	Camp Hill
Shoemaker, Jacob L.....	C.....	Smithsburg, Md.
Sigmund, Sarah C.....	C.....	Lansdowne
Skyles, Reba L.....	C.....	Altoona
Smiley, Flora W.....	C.....	Lemoyne
Smith, Harry T.....	Ph.....	Salisbury, Md.
Smith, James O., Jr.....	C.....	Freehold, N. J.
Solada, George N.....	Ph.....	Harrisburg
Sommer, Henry J., Jr.....	Ph.....	Hollidaysburg
Soponis, Jonas L.....	Sc.....	Minersville
Sponsler, Josephine M.....	Ph.....	Mechanicsburg
Stearns, Brewster B.....	C.....	Camp Hill
Steck, Richard C.....	Ph.....	Carlisle
Steck, Roger H.....	Ph.....	Carlisle
Steele, Margaret S.....	C.....	Johnstown
Stephens, Joseph S.....	Ph.....	Lancaster
Stephens, William S.....	Sc.....	Carlisle
Taylor, Ruth J.....	Ph.....	Carlisle
Teitrick, Ruth V.....	Ph.....	Carlisle
Uber, Fred M.....	C.....	Indiana
Voshell, Mildred S.....	C.....	Wilmington, Del.
Wade, L. Hambleton.....	C.....	Halethorpe, Md.
Wallis, Ralph E.....	Ph.....	Liverpool
Ward, Grace Isabel.....	C.....	Bellefonte
Wentzel, Alton A.....	Ph.....	Carlisle
Wert, E. Louise.....	C.....	Sparrows Point, Md.
Wiibur, Nelson E.....	C.....	Allentown, N. J.
Wilde, Samuel H.....	Sc.....	East Orange, N. J.
Williams, Carl.....	Ph.....	Roaring Springs
Williams, Charles S.....	C.....	Chambersburg
Williams, Glenn V.....	Sc.....	Roaring Springs
Williamson, Alvin S.....	C.....	Liverpool
Willits, Dorothy K.....	Ph.....	Birdsboro
Winfield, Harry.....	C.....	Harrisburg
Witchey, Frank E.....	C.....	Osceola Mills
Witke, Irmela M.....	Sc.....	Harrisburg
Witwer, Charles B.....	Ph.....	Philadelphia
Woodside, Robert E., Jr.....	Ph.....	Millersburg
Workman, J. Alfred.....	Sc.....	Carlisle
Wright, Augustus L.....	Sc.....	New Cumberland
Youngman, Sue B.....	C.....	Hazleton
Zierden, George C.....	C.....	Media
Zimmerman, Irva E.....	C.....	Carlisle
Zinn, Isabel H.....	Ph.....	Carlisle

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